

## ITS Graphical Report Maker Operational Testing Scenario



11 February 04

Team JACT Software RIT Software Engineering Department

Version 1.3.0

## **Revision History**

| Revision | Date        | Author       | Section | Comments/Changes    |
|----------|-------------|--------------|---------|---------------------|
| 0.1.0    | 26 Jan 2004 | A. Buehler   | All     | Template Creation.  |
| 1.0.0    | 06 Feb 2004 | All          | All     | Initial Revision.   |
| 1.1.0    | 08 Feb 2004 | J. Myers     | All     | Corrected           |
|          |             |              |         | Grammatical Issues. |
| 1.2.0    | 10 Feb 2004 | C. Chiou, A. | All     | Revision and        |
|          |             | Buehler      |         | structural changes. |
| 1.3.0    | 11 Feb 2004 | C. Chiou     | Most    | Addition of new     |
|          |             |              |         | scenarios for most  |
|          |             |              |         | sections.           |
|          |             |              |         |                     |
|          |             |              |         |                     |
|          |             |              |         |                     |
|          |             |              |         |                     |

| OTS Developer John Myers          |        | Project   | ITS GI                                     | RM                                               | Test | ter Name  |           |                     |  |  |
|-----------------------------------|--------|-----------|--------------------------------------------|--------------------------------------------------|------|-----------|-----------|---------------------|--|--|
| Development Date 8 F              |        | 8 Februar | y 2004                                     | Release No.                                      |      | Test Date |           | t Date              |  |  |
|                                   |        |           |                                            |                                                  |      |           |           |                     |  |  |
| Test Scenario ID                  |        | TS-1      | Scenario                                   | To verify the login functionality of the system. |      |           | Scenario  |                     |  |  |
| Parent Use Case ID UC-1 Objective |        |           |                                            |                                                  |      |           | Pass/Fail |                     |  |  |
| Test Start State Login State.     |        | tate.     |                                            |                                                  |      |           |           |                     |  |  |
| Step                              | Source | Action    |                                            |                                                  | ]    | Pass/I    | Fail      | Failure Description |  |  |
| 1                                 | System | Display   | Login screer                               | l.                                               |      |           |           |                     |  |  |
| 2                                 | User   | Enter "j  | act" into the                              | username text fiel                               | ld.  |           |           |                     |  |  |
| 3                                 | User   | Enter "j  | Enter "jact" into the password text field. |                                                  |      |           |           |                     |  |  |
| 4                                 | User   | Select "  | Select "Login".                            |                                                  |      |           |           |                     |  |  |
| 5                                 | System | Display   | Display Main Menu screen.                  |                                                  |      |           |           |                     |  |  |

| Test S                        | cenario ID    | TS-2                  | Scenario        | To verify that the system does not accept an invalid |           | Scenario            |           |  |
|-------------------------------|---------------|-----------------------|-----------------|------------------------------------------------------|-----------|---------------------|-----------|--|
| Parent                        | t Use Case ID | UC-1                  | Objective       | username.                                            |           |                     | Pass/Fail |  |
| Test Start State Login State. |               |                       |                 |                                                      |           |                     |           |  |
| Step                          | Source        | Action                |                 |                                                      | Pass/Fail | Failure Description |           |  |
| 1                             | System        | Display Login screen. |                 |                                                      |           |                     |           |  |
| 2                             | User          | Enter "b              | oadjact" into t | he username text field.                              |           |                     |           |  |
| 3                             | User          | Enter "j              | act" into the p | password text field.                                 |           |                     |           |  |
| 4                             | User          | Select "Login".       |                 |                                                      |           |                     |           |  |
| 5                             | System        | Display               | "Invalid Use    | rname/Password" and                                  |           |                     |           |  |
|                               |               | Login screen.         |                 |                                                      |           |                     |           |  |

| Test S<br>Parent | cenario ID<br>Use Case ID | TS-3<br>UC-1    | Scenario<br>Objective                | To verify that the system does not accept an invalid username. |           | Scenario<br>Pass/Fail |  |  |
|------------------|---------------------------|-----------------|--------------------------------------|----------------------------------------------------------------|-----------|-----------------------|--|--|
| Test S           | tart State                | Login S         | tate.                                | ite.                                                           |           |                       |  |  |
| Step             | Source                    | Action          |                                      |                                                                | Pass/Fail | Failure Description   |  |  |
| 1                | System                    | Display         | Display Login screen.                |                                                                |           |                       |  |  |
| 2                | User                      | Enter "j        | act" into the u                      | username text field.                                           |           |                       |  |  |
| 3                | User                      | Enter "b        | oadjact" into t                      | he password text field.                                        |           |                       |  |  |
| 4                | User                      | Select "Login". |                                      |                                                                |           |                       |  |  |
| 5                | System                    | Display         | Display "Invalid Password" and Login |                                                                |           |                       |  |  |
|                  |                           | screen.         |                                      |                                                                |           |                       |  |  |

| OTS I                                | Developer                         | John Mye         | ers                                 | Project ITS                                   |                                             | RM Te     | ster Name          |           |
|--------------------------------------|-----------------------------------|------------------|-------------------------------------|-----------------------------------------------|---------------------------------------------|-----------|--------------------|-----------|
| Devel                                | opment Date                       | 8 Februar        | y 2004                              | Release No.                                   |                                             | Te        | st Date            |           |
|                                      | -                                 |                  |                                     |                                               |                                             |           |                    |           |
| Test S                               | cenario ID                        | TS-4             | Scenario                            | To verify logout functionality of the system. |                                             |           | Scenario           |           |
| Parent                               | Parent Use Case ID UC-2 Objective |                  |                                     |                                               |                                             |           | Pass/Fail          |           |
| Test Start State Not in Login state. |                                   |                  |                                     |                                               |                                             |           |                    |           |
| Step                                 | Source                            | Action           |                                     |                                               |                                             | Pass/Fail | Failure Descriptio | n         |
| 1                                    | User                              | Select "         | Logout".                            |                                               |                                             |           |                    |           |
| 2                                    | System                            | Display          | Display Login screen.               |                                               |                                             |           |                    |           |
|                                      |                                   |                  |                                     |                                               |                                             |           |                    |           |
| Test S                               | cenario ID                        | TS-5             | Scenario                            | To verify the ab                              | To verify the ability to close the program. |           |                    | Scenario  |
| Parent                               | Use Case ID                       | UC-2             | Objective                           |                                               | -                                           |           | -                  | Pass/Fail |
| Test S                               | tart State                        | Not in I         | Login state.                        |                                               |                                             |           |                    |           |
| Step                                 | Source                            | Action           |                                     |                                               |                                             | Pass/Fail | Failure Descriptio | n         |
| 1                                    | User                              | Closes p         | Closes program without logging off. |                                               |                                             |           |                    |           |
| 2                                    | System                            | em Log user off. |                                     |                                               |                                             |           |                    |           |
| 3                                    | User                              | Start up         | Start up program.                   |                                               |                                             |           |                    |           |
| 4                                    | System                            | Display          | Login screer                        | l.                                            |                                             |           |                    |           |

| OTS Developer    | Cesario Tam     | Project     | ITS GRM | Tester Name |  |
|------------------|-----------------|-------------|---------|-------------|--|
| Development Date | 8 February 2004 | Release No. |         | Test Date   |  |

| Test Scenario IDTS-6ScenarioTo verify the system's ability to create RParent Use Case IDUC-3Objective |            |          |                 |                         | eate Rover Elements. | Scenario<br>Pass/Fail |  |  |
|-------------------------------------------------------------------------------------------------------|------------|----------|-----------------|-------------------------|----------------------|-----------------------|--|--|
| Test S                                                                                                | tart State | Main sta | ate.            |                         |                      |                       |  |  |
| Step                                                                                                  | Source     | Action   |                 |                         | Pass/Fail            | Failure Description   |  |  |
| 1                                                                                                     | User       | Select " | Create New E    | Element".               |                      | <b>_</b>              |  |  |
| 2                                                                                                     | System     | Display  | Create New ]    | Element screen.         |                      |                       |  |  |
| 3                                                                                                     | User       | Select " | Insert Elemer   | nt".                    |                      |                       |  |  |
| 4                                                                                                     | System     | Display  | Insert Eleme    | nt dialog.              |                      |                       |  |  |
| 5                                                                                                     | User       | Select " | Base Rover"     | from available          |                      |                       |  |  |
|                                                                                                       |            | element  | s drop down     | menu.                   |                      |                       |  |  |
| 6                                                                                                     | User       | Select " | OK".            |                         |                      |                       |  |  |
| 7                                                                                                     | System     | Display  | Insert Rover    | screen.                 |                      |                       |  |  |
| 8                                                                                                     | User       | Select " | Grace" from     | source drop down        |                      |                       |  |  |
|                                                                                                       |            | menu.    |                 |                         |                      |                       |  |  |
| 9                                                                                                     | User       | Select " | Number", "U     | sers", "Null" for the   |                      |                       |  |  |
|                                                                                                       |            | three da | ta drop down    | menu.                   |                      |                       |  |  |
| 10                                                                                                    | User       | Select " | Static" for the | e query type checkbox.  |                      |                       |  |  |
| 11                                                                                                    | User       | Select " | 11/1/00" from   | n the from date drop    |                      |                       |  |  |
|                                                                                                       |            | down m   | enu.            |                         |                      |                       |  |  |
| 12                                                                                                    | User       | Select " | 12/1/00" from   | n the to date drop down |                      |                       |  |  |
|                                                                                                       |            | menu.    |                 |                         |                      |                       |  |  |
| 13                                                                                                    | User       | Select " | 60 min" from    | the time interval drop  |                      |                       |  |  |
|                                                                                                       |            | down m   | enu.            |                         |                      |                       |  |  |
| 14                                                                                                    | User       | Select " | 20 sec" from    | the time buffer drop    |                      |                       |  |  |
|                                                                                                       |            | down m   | enu.            |                         |                      |                       |  |  |
| 15                                                                                                    | User       | Select " | OK".            |                         |                      |                       |  |  |
| 16                                                                                                    | System     | Display  | Create New I    | Element screen with a   |                      |                       |  |  |
|                                                                                                       |            | new rov  | er Element.     |                         |                      |                       |  |  |

| Test Scenario IDTS-7ScenarioTo verify the system's |               |                                         |               |                          | ability to cr | eate Generator      | Scenario |  |  |  |  |
|----------------------------------------------------|---------------|-----------------------------------------|---------------|--------------------------|---------------|---------------------|----------|--|--|--|--|
| Parent                                             | t Use Case ID | UC-3                                    | Pass/Fail     |                          |               |                     |          |  |  |  |  |
| Test S                                             | tart State    | Main state.                             |               |                          |               |                     |          |  |  |  |  |
| Step                                               | Source        | Action                                  |               |                          | Pass/Fail     | Failure Description |          |  |  |  |  |
| 1                                                  | User          | Select "                                | Create New I  | Element".                |               |                     |          |  |  |  |  |
| 2                                                  | System        | Display                                 | Create New    | Element screen.          |               |                     |          |  |  |  |  |
| 3                                                  | User          | Select "                                | Insert Elemei | nt".                     |               |                     |          |  |  |  |  |
| 4                                                  | System        | Display                                 | Insert Eleme  | nt dialog.               |               |                     |          |  |  |  |  |
| 5                                                  | User          | Select "                                | Base Generat  | or" from available       |               |                     |          |  |  |  |  |
|                                                    |               | element                                 | s drop down   | menu.                    |               |                     |          |  |  |  |  |
| 6                                                  | User          | Select "                                | OK".          |                          |               |                     |          |  |  |  |  |
| 7                                                  | System        | Display                                 | Insert Gener  | ator screen.             |               |                     |          |  |  |  |  |
| 8                                                  | User          | Select "                                | DataSet1 Att  | ributes" on the data set |               |                     |          |  |  |  |  |
|                                                    |               | table.                                  |               |                          |               |                     |          |  |  |  |  |
| 9                                                  | User          | Select "                                | Add Data Set  |                          |               |                     |          |  |  |  |  |
| 10                                                 | System        | Display                                 | new line rep  | resenting the "DataSet   |               |                     |          |  |  |  |  |
|                                                    |               | 1 Attrib                                | utes" on grap | h.                       |               |                     |          |  |  |  |  |
| 11                                                 | User          | Enter "J                                | ACT Graph     | 1" in title text box,    |               |                     |          |  |  |  |  |
| 12                                                 | User          | Enter "7                                | Гіте" in x-ax | is label text box.       |               |                     |          |  |  |  |  |
| 13                                                 | User          | Enter "I                                | Number of Us  | sers" in y-axis label    |               |                     |          |  |  |  |  |
|                                                    |               | text box                                |               |                          |               |                     |          |  |  |  |  |
| 14                                                 | User          | Enter "4                                | 400 x 200" in | graph size text box.     |               |                     |          |  |  |  |  |
| 15                                                 | User          | Select "                                | X Grid" chec  | k box.                   |               |                     |          |  |  |  |  |
| 16                                                 | User          | Select "                                | Y Grid" chec  | k box.                   |               |                     |          |  |  |  |  |
| 17                                                 | User          | Select "                                | Show Data P   | ta Point Labels" check   |               |                     |          |  |  |  |  |
|                                                    |               | box.                                    |               |                          |               |                     |          |  |  |  |  |
| 18                                                 | User          | Select "Insert Generator".              |               |                          |               |                     |          |  |  |  |  |
| 19                                                 | System        | Display "Create New Element" with a new |               |                          |               |                     |          |  |  |  |  |
|                                                    |               | generato                                | or Element.   |                          |               |                     |          |  |  |  |  |

| Test Scenario IDTS-8ScenarioTo verify the system'sParent Use Case IDUC-3Objective |            |           | ability to cr  | eate Elements.          | Scenario<br>Pass/Fail |                     |             |  |
|-----------------------------------------------------------------------------------|------------|-----------|----------------|-------------------------|-----------------------|---------------------|-------------|--|
| Test S                                                                            | tart State | Main st   | ate            |                         |                       |                     | 1 455/1 411 |  |
| Step                                                                              | Source     | Action    | ute.           |                         | Pass/Fail             | Failure Description |             |  |
| 1                                                                                 | User       | Select "  | Create New I   | Element".               | 1 4000/1 411          |                     |             |  |
| 2                                                                                 | System     | Display   | Create New     | Element screen.         |                       |                     |             |  |
| 3                                                                                 | User       | Select "  | Insert Elemer  | nt".                    |                       |                     |             |  |
| 4                                                                                 | System     | Display   | Available El   | ement screen.           |                       |                     |             |  |
| 5                                                                                 | User       | Select "  | JACT rover"    | from the available      |                       |                     |             |  |
|                                                                                   |            | element   | s drop down    | menu.                   |                       |                     |             |  |
| 6                                                                                 | User       | Select "  | OK".           |                         |                       |                     |             |  |
| 7                                                                                 | System     | Display   | Create New     | Element screen with     |                       |                     |             |  |
|                                                                                   |            | "JACT     | rover" placed  | on the screen.          |                       |                     |             |  |
| 8                                                                                 | User       | Select "  | Insert Elemen  | nt".                    |                       |                     |             |  |
| 9                                                                                 | System     | Display   | Available El   | ement screen.           |                       |                     |             |  |
| 10                                                                                | User       | Select "  | JACT genera    | tor" from the available |                       |                     |             |  |
|                                                                                   |            | element   | s drop down    | menu.                   |                       |                     |             |  |
| 11                                                                                | User       | Select "  | OK".           |                         |                       |                     |             |  |
| 12                                                                                | System     | Display   | Create New     | Element screen with     |                       |                     |             |  |
|                                                                                   |            | "JACT     | generator" pla | aced on the screen.     |                       |                     |             |  |
| 13                                                                                | User       | Select th | he "JACT roy   | ver" output.            |                       |                     |             |  |
| 14                                                                                | User       | Select th | ne "JACT ger   | nerator" input.         |                       |                     |             |  |
| 15                                                                                | User       | Select "  | Connect".      |                         |                       |                     |             |  |
| 16                                                                                | System     | Display   | Create New     | Element screen with     |                       |                     |             |  |
|                                                                                   |            | the two   | elements nov   | v connected.            |                       |                     |             |  |

| Test Scenario IDTS-9ScenarioTo verify the system's         |            |              |                 |                        | ability to ch | eck for invalid     | Scenario  |  |
|------------------------------------------------------------|------------|--------------|-----------------|------------------------|---------------|---------------------|-----------|--|
| Parent Use Case ID UC-3 Objective attributes during creati |            |              |                 |                        |               | er Element.         | Pass/Fail |  |
| Test S                                                     | tart State | Main sta     | ate.            |                        |               |                     |           |  |
| Step                                                       | Source     | Action       |                 |                        | Pass/Fail     | Failure Description |           |  |
| 1                                                          | User       | Select "     | Create New H    | Element".              |               |                     |           |  |
| 2                                                          | System     | Display      | Create New      | Element screen.        |               |                     |           |  |
| 3                                                          | User       | Select "     | Insert Elemer   | nt".                   |               |                     |           |  |
| 4                                                          | System     | Display      | Insert Eleme    | nt dialog.             |               |                     |           |  |
| 5                                                          | User       | Select "     | Base Rover"     | from available         |               |                     |           |  |
|                                                            |            | element      | s drop down :   | menu.                  |               |                     |           |  |
| 6                                                          | User       | Select "     | OK".            |                        |               |                     |           |  |
| 7                                                          | System     | Display      | Insert Rover    | screen.                |               |                     |           |  |
| 8                                                          | User       | Select "     | Grace" from     | source drop down       |               |                     |           |  |
|                                                            |            | menu.        |                 |                        |               |                     |           |  |
| 9                                                          | User       | Select "     | Null", "Null"   | , "Null" for the three |               |                     |           |  |
|                                                            |            | data dro     | p down menu     | 1.                     |               |                     |           |  |
| 10                                                         | User       | Select "     | Static" for the | e query type checkbox. |               |                     |           |  |
| 11                                                         | User       | Select "     | 11/1/2099" fr   | om the from date drop  |               |                     |           |  |
|                                                            |            | down m       | enu.            |                        |               |                     |           |  |
| 12                                                         | User       | Select "     | 12/1/2099" fr   | om the to date drop    |               |                     |           |  |
|                                                            |            | down m       | enu.            |                        |               |                     |           |  |
| 13                                                         | User       | Select "     | 60 min" from    | the time interval drop |               |                     |           |  |
|                                                            |            | down m       | enu.            |                        |               |                     |           |  |
| 14                                                         | User       | Select "     | 20 sec" from    | the time buffer drop   |               |                     |           |  |
|                                                            |            | down m       | enu.            |                        |               |                     |           |  |
| 15                                                         | User       | Select "OK". |                 |                        |               |                     |           |  |
| 16                                                         | System     | Display      | "Invalid Attr   | ibutes" and return to  |               |                     |           |  |
|                                                            |            | Insert R     | over screen.    |                        |               |                     |           |  |

| Test S<br>Parent | cenario ID<br>Use Case ID | TS-10<br>UC-3                      | Scenario<br>Objective                | To verify that the user can cancel out of a creation of an new Element. |  | Scenario<br>Pass/Fail |  |  |
|------------------|---------------------------|------------------------------------|--------------------------------------|-------------------------------------------------------------------------|--|-----------------------|--|--|
| Test S           | tart State                | Main st                            | ate.                                 |                                                                         |  |                       |  |  |
| Step             | Source                    | Action                             | Action Pass/Fail Failure Description |                                                                         |  |                       |  |  |
| 1                | User                      | Select "                           | Create New H                         | Element".                                                               |  |                       |  |  |
| 2                | System                    | Display                            | Create New ]                         | Element screen.                                                         |  |                       |  |  |
| 3                | User                      | Select "                           | Select "Insert Element".             |                                                                         |  |                       |  |  |
| 4                | System                    | Display                            | Insert Eleme                         | nt dialog.                                                              |  |                       |  |  |
| 5                | User                      | Select "                           | Base Rover"                          | from available                                                          |  |                       |  |  |
|                  |                           | element                            | s drop down                          | menu.                                                                   |  |                       |  |  |
| 6                | User                      | Select "                           | Select "OK".                         |                                                                         |  |                       |  |  |
| 7                | System                    | Display Insert Rover screen.       |                                      |                                                                         |  |                       |  |  |
| 8                | User                      | Select "Cancel"                    |                                      |                                                                         |  |                       |  |  |
| 9                | System                    | Display Create New Element screen. |                                      |                                                                         |  |                       |  |  |

| OTS Developer Ces |               | Cesario Tam Project                    | ITS GRM Test                                         | ter Name            |           |
|-------------------|---------------|----------------------------------------|------------------------------------------------------|---------------------|-----------|
| Devel             | opment Date   | 8 February 2004 Release No.            | Test                                                 | t Date              |           |
|                   | 1             |                                        |                                                      |                     |           |
| Test S            | cenario ID    | TS-11 Scenario To verify the syst      | To verify the system's ability to modify an Element. |                     |           |
| Parent            | t Use Case ID | UC-4 Objective                         |                                                      |                     | Pass/Fail |
| Test S            | tart State    | Main state.                            |                                                      |                     |           |
| Step              | Source        | Action                                 | Pass/Fail                                            | Failure Description |           |
| 1                 | User          | Select "Modify Existing Element".      |                                                      |                     |           |
| 2                 | System        | Display Modify Existing Element dialog | g.                                                   |                     |           |
| 3                 | User          | Select "JACT Report".                  |                                                      |                     |           |
| 4                 | System        | Display Modify Existing Element scree  | n                                                    |                     |           |
|                   |               | with "JACT Report" attribute values.   |                                                      |                     |           |
| 5                 | User          | Select on "JACT rover" Element that is |                                                      |                     |           |
|                   |               | placed on the drawing screen.          |                                                      |                     |           |
| 6                 | User          | Select "Modify Element Attributes".    |                                                      |                     |           |
| 7                 | System        | Display Modify Rover screen with "JAC  | CT                                                   |                     |           |
|                   |               | rover" attribute values.               |                                                      |                     |           |
| 8                 | User          | Select "1/1/02" from date drop down me | enu.                                                 |                     |           |
| 9                 | User          | Select "2/1/02" to date drop down menu | ι.                                                   |                     |           |
| 10                | User          | Select "OK".                           |                                                      |                     |           |
| 11                | System        | Display "Modify Existing Element" scr  | een.                                                 |                     |           |
| 12                | User          | Repeat steps 5 & 6.                    |                                                      |                     |           |
| 13                | System        | Display Modify Rover screen with the   |                                                      |                     |           |
|                   |               | updated attribute values.              |                                                      |                     |           |

| Test S | cenario ID                      | TS-12        | Scenario       | To verify the system's  | ability to ch | eck for invalid     | Scenario  |  |
|--------|---------------------------------|--------------|----------------|-------------------------|---------------|---------------------|-----------|--|
| Parent | t Use Case ID                   | UC-4         | Objective      | attributes during modif | fication of a | n Element.          | Pass/Fail |  |
| Test S | tart State                      | Main sta     | ate.           |                         |               |                     |           |  |
| Step   | Source                          | Action       |                |                         | Pass/Fail     | Failure Description |           |  |
| 1      | User                            | Select "     | Modify Exist   | ing Element".           |               |                     |           |  |
| 2      | System                          | Display      | Modify Exis    | ting Element dialog.    |               |                     |           |  |
| 3      | User                            | Select "     | JACT Report    | »,                      |               |                     |           |  |
| 4      | System                          | Display      | Modify Exis    | ting Element screen     |               |                     |           |  |
|        |                                 | with "JA     | ACT Report"    | attribute values.       |               |                     |           |  |
| 5      | User                            | Select o     | on "JACT rov   | er" Element that is     |               |                     |           |  |
|        |                                 | placed of    | on the drawin  | g screen.               |               |                     |           |  |
| 6      | User                            | Select "     | Modify Elem    | ent Attributes".        |               |                     |           |  |
| 7      | System                          | Display      | Modify Rove    | er screen with "JACT    |               |                     |           |  |
|        |                                 | rover" a     | ttribute value | es.                     |               |                     |           |  |
| 8      | User                            | Select "     | 1/1/2099" fro  | om date drop down       |               |                     |           |  |
|        |                                 | menu.        |                |                         |               |                     |           |  |
| 9      | User                            | Select "     | 2/1/2099" to   | date drop down menu.    |               |                     |           |  |
| 10     | User                            | Select "OK". |                |                         |               |                     |           |  |
| 11     | System                          | Display      | "Modify Exi    | sting Element" screen.  |               |                     |           |  |
| 12     | User                            | Repeat       | steps 5 & 6.   |                         |               |                     |           |  |
| 13     | System                          | Display      | "Invalid Attr  | ibutes" and return to   |               |                     |           |  |
|        | Modify Existing Element screen. |              |                |                         |               |                     |           |  |

| Test S      | cenario ID                       | TS-13                                | Scenario                               | To verify that the user | can cancel o | out of modifying an | Scenario |
|-------------|----------------------------------|--------------------------------------|----------------------------------------|-------------------------|--------------|---------------------|----------|
| Parent      | t Use Case ID                    | UC-4                                 | Objective                              | existing Element.       |              | Pass/Fail           |          |
| Test S      | tart State                       | Main st                              | ate.                                   |                         |              |                     |          |
| Step Source |                                  | Action                               | Action                                 |                         |              | Failure Description |          |
| 1           | User                             | Select "                             | Select "Modify Existing Element".      |                         |              |                     |          |
| 2           | System                           | Display                              | Modify Exis                            | ting Element dialog.    |              |                     |          |
| 3           | User                             | Select "                             | JACT Report                            | »,                      |              |                     |          |
| 4           | System                           | Display                              | Display Modify Existing Element screen |                         |              |                     |          |
|             |                                  | with "JACT Report" attribute values. |                                        |                         |              |                     |          |
| 5           | User                             | Select o                             | on "JACT rove                          | er" Element that is     |              |                     |          |
|             |                                  | placed of                            | on the drawing                         | g screen.               |              |                     |          |
| 6           | User                             | Select "                             | Modify Elem                            | ent Attributes".        |              |                     |          |
| 7           | System                           | Display                              | Modify Rove                            | er screen with "JACT    |              |                     |          |
|             |                                  | rover" a                             | ttribute value                         | es.                     |              |                     |          |
| 8           | 8 User Select "Cancel".          |                                      |                                        |                         |              |                     |          |
| 9           | System Display Main Menu screen. |                                      |                                        |                         |              |                     |          |

| OTS I              | Developer   | John Mye  | rs            | Project           | ITS GRM        | Test   | ter Name              |           |  |
|--------------------|-------------|-----------|---------------|-------------------|----------------|--------|-----------------------|-----------|--|
| Devel              | opment Date | 8 Februar | y 2004        | Release No.       |                | Test   | t Date                |           |  |
|                    | _           |           |               |                   |                |        |                       |           |  |
| Test S             | cenario ID  | TS-14     | Scenario      | To verify the sys | stem's ability | to pr  | eview a Rover,        | Scenario  |  |
| Parent Use Case ID |             | UC-5      | Objective     | Tabular Generat   | or, or a Repo  | rt wit | h a Tabular Generator | Pass/Fail |  |
| Test S             | tart State  | Creation  | n or Modify s | tate.             |                |        |                       |           |  |
| Step               | Source      | Action    |               |                   | Pass           | /Fail  | Failure Description   |           |  |
| 1                  | User        | Select "  | Preview".     |                   |                |        |                       |           |  |
| 2                  | System      | Display   | Preview Eler  | ment screen.      |                |        |                       |           |  |
| 3                  | System      | Display   | preview in ta | bular form.       |                |        |                       |           |  |

| Test S                           | cenario ID    | TS-15                           | Scenario          | To verify the system  | To verify the system's ability to preview a Graphical |                     |  |  |
|----------------------------------|---------------|---------------------------------|-------------------|-----------------------|-------------------------------------------------------|---------------------|--|--|
| Parent                           | t Use Case ID | UC-5                            | Objective         | Generator or a Report | nical Generator                                       | Pass/Fail           |  |  |
| Test Start State Creation or Mod |               |                                 | n or Modify s     | tate.                 |                                                       |                     |  |  |
| Step                             | Source        | Action                          |                   |                       | Pass/Fail                                             | Failure Description |  |  |
| 1                                | User          | Select "                        | Select "Preview". |                       |                                                       |                     |  |  |
| 2                                | System        | Display Preview Element screen. |                   |                       |                                                       |                     |  |  |
| 3                                | System        | Display                         | preview in g      | raphical form.        |                                                       |                     |  |  |

| Test S | cenario ID                 | TS-16                                       | Scenario                        | To verify the system's | eview an Operation | Scenario            |           |  |
|--------|----------------------------|---------------------------------------------|---------------------------------|------------------------|--------------------|---------------------|-----------|--|
| Parent | t Use Case ID              | UC-5                                        | Objective                       |                        |                    |                     | Pass/Fail |  |
| Test S | tart State                 | Creation                                    | n or Modify s                   | tate.                  |                    |                     |           |  |
| Step   | Source                     | Action                                      | Action                          |                        |                    | Failure Description |           |  |
| 1      | User                       | Select "                                    | Preview".                       |                        |                    |                     |           |  |
| 2      | System                     | Display                                     | Display Preview Element screen. |                        |                    |                     |           |  |
| 3      | System                     | Display notification that the preview of an |                                 |                        |                    |                     |           |  |
|        | Operation is not possible. |                                             |                                 |                        |                    |                     |           |  |

| OTS I            | Developer   | Adam Buehler         | Project                                 | ITS C     | GRM Test | ter Name            |          |
|------------------|-------------|----------------------|-----------------------------------------|-----------|----------|---------------------|----------|
| Devel            | opment Date | 8 February 2004      | Release No.                             |           | Test     | t Date              |          |
|                  | _           |                      |                                         |           |          |                     |          |
| Test Scenario ID |             | TS-17 Scenario       | 7 Scenario To verify the system's       |           |          | ve an Element into  | Scenario |
| Parent           | Use Case ID | UC-6 Objective       | persistent states.                      | Pass/Fail |          |                     |          |
| Test S           | tart State  | Create, Modify or Pr | eview state.                            |           |          |                     |          |
| Step             | Source      | Action               | Action                                  |           |          | Failure Description |          |
| 1                | User        | Select "Save".       | Select "Save".                          |           |          |                     |          |
| 2                | System      | Display Save Eleme   | Display Save Element screen.            |           |          |                     |          |
| 3                | User        | Enter unique name "  | Element1" into na                       | me        |          |                     |          |
|                  |             | text field.          |                                         |           |          |                     |          |
| 4                | User        | Select "Save".       |                                         |           |          |                     |          |
| 5                | System      | Display Main Menu    |                                         |           |          |                     |          |
| 6                | User        | Select "Modify Exis  | ting Element".                          |           |          |                     |          |
| 7                | System      | Display Modify Exis  | Display Modify Existing Element screen. |           |          |                     |          |
| 8                | User        | Enter "Element1" in  | Enter "Element1" into name field.       |           |          |                     |          |
| 9                | System      | Display Modify Exis  | Display Modify Existing Element screen  |           |          |                     |          |
|                  |             | with saved Element.  |                                         |           |          |                     |          |

| Test S              | cenario ID                                     | TS-18                                   | Scenario                              | To verify the system'  | s ability to sa      | ve an Element into  | Scenario |
|---------------------|------------------------------------------------|-----------------------------------------|---------------------------------------|------------------------|----------------------|---------------------|----------|
| Parent              | t Use Case ID                                  | UC-6                                    | Objective                             | persistent states with | name with overwrite. | Pass/Fail           |          |
| Test Start State    |                                                | Create,                                 | Modify or Pr                          | eview state.           |                      |                     |          |
| Step Source         |                                                | Action                                  |                                       |                        | Pass/Fail            | Failure Description |          |
| 1                   | User                                           | Select "                                | Select "Save".                        |                        |                      |                     |          |
| 2                   | System                                         | Display Save Element screen.            |                                       |                        |                      |                     |          |
| 3                   | User                                           | Enter no                                | Enter non-unique name "Element1" into |                        |                      |                     |          |
|                     |                                                | name text field.                        |                                       |                        |                      |                     |          |
| 4                   | User                                           | Select "                                | Select "Save".                        |                        |                      |                     |          |
| 5                   | System                                         | Display                                 | "Overwrite o                          | or Rename".            |                      |                     |          |
| 6                   | User                                           | Select "                                | Overwrite".                           |                        |                      |                     |          |
| 7                   | System                                         | Display                                 | Main Menu.                            |                        |                      |                     |          |
| 8                   | User                                           | Select "                                | Modify Exist                          | ing Element".          |                      |                     |          |
| 9                   | System                                         | Display Modify Existing Element screen. |                                       |                        |                      |                     |          |
| 10                  | 10 User Enter "Element1" into name field.      |                                         |                                       |                        |                      |                     |          |
| 11                  | 11SystemDisplay Modify Existing Element screen |                                         |                                       |                        |                      |                     |          |
| with saved Element. |                                                |                                         |                                       |                        |                      |                     |          |

| Test S<br>Parent | cenario ID<br>Use Case ID | TS-19<br>UC-6    | Scenario<br>Objective            | To verify that the user Element. | can cancel o | out of saving an    | Scenario<br>Pass/Fail |  |
|------------------|---------------------------|------------------|----------------------------------|----------------------------------|--------------|---------------------|-----------------------|--|
| Test S           | Test Start State          |                  | Create, Modify or Preview state. |                                  |              |                     | 1 000071 0011         |  |
| Step             | Source                    | Action           |                                  |                                  | Pass/Fail    | Failure Description |                       |  |
| 1                | User                      | Select "         | Select "Save".                   |                                  |              |                     |                       |  |
| 2                | System                    | Display          | Save Elemen                      | it screen.                       |              |                     |                       |  |
| 3                | User                      | Enter ur         | nique name "I                    | Element2" into name              |              |                     |                       |  |
|                  |                           | text fiel        | text field.                      |                                  |              |                     |                       |  |
| 4                | User                      | Select "Cancel". |                                  |                                  |              |                     |                       |  |
| 5                | System                    | Display          | Display previous state.          |                                  |              |                     |                       |  |

| OTS I            | Developer     | Adam Bu   | ehler                         | Project            | ITS GRM | Tes   | ter Name            |           |  |
|------------------|---------------|-----------|-------------------------------|--------------------|---------|-------|---------------------|-----------|--|
| Devel            | opment Date   | 8 Februar | y 2004                        | Release No.        |         | Tes   | t Date              |           |  |
|                  | -             |           |                               |                    |         | _     |                     |           |  |
| Test S           | cenario ID    | TS-20     | Scenario                      | Delete Element     |         |       |                     | Scenario  |  |
| Parent           | t Use Case ID | UC-7      | Objective                     |                    |         |       |                     | Pass/Fail |  |
| Test Start State |               | Main st   | Main state.                   |                    |         |       |                     |           |  |
| Step             | Source        | Action    |                               |                    | Pass    | /Fail | Failure Description |           |  |
| 1                | User          | Select "  | Delete Eleme                  | ent".              |         |       |                     |           |  |
| 2                | System        | Display   | Display Delete Element screen |                    |         |       |                     |           |  |
| 3                | User          | Select "  | Element1".                    |                    |         |       |                     |           |  |
| 4                | User          | Select "  | OK".                          |                    |         |       |                     |           |  |
| 5                | System        | Prompt    | for confirmation              | ion of deletion.   |         |       |                     |           |  |
| 6                | User          | Select "  | Confirm".                     |                    |         |       |                     |           |  |
| 7                | System        | Display   | Main Menu                     | screen.            |         |       |                     |           |  |
| 8                | User          | Select "  | Modify Exist                  | ing Element".      |         |       |                     |           |  |
| 9                | System        | Display   | Modify Exis                   | ting Element scree | n.      |       |                     |           |  |
| 10               | User          | Enter "I  | Element1" int                 | o name field.      |         |       |                     |           |  |
| 11               | User          | Select "  | Select "OK".                  |                    |         |       |                     |           |  |
| 12               | System        | Inform    | user that "Ele                | ment1" does not ex | xist.   |       |                     |           |  |

| OTS Developer<br>Development Date                          |        | Cheng-Tr<br>8 Februar    | rain Chiou<br>ry 2004          | Project<br>Release No. | ITS GRM | [ Tes  | ter Name<br>t Date  |                       |  |
|------------------------------------------------------------|--------|--------------------------|--------------------------------|------------------------|---------|--------|---------------------|-----------------------|--|
| Test Scenario ID<br>Parent Use Case ID<br>Test Start State |        | TS-21<br>UC-8<br>Main st | Scenario<br>Objective<br>ate.  | Execute Report         |         |        |                     | Scenario<br>Pass/Fail |  |
| Step                                                       | Source | Action                   |                                |                        | Pas     | s/Fail | Failure Description |                       |  |
| 1                                                          | User   | Selects                  | "Execute Rep                   | ort".                  |         |        |                     |                       |  |
| 2                                                          | System | Display                  | Execute Rep                    | ort dialog.            |         |        |                     |                       |  |
| 3                                                          | User   | Select "                 | 'JACT report'                  | ' from the availabl    | le      |        |                     |                       |  |
|                                                            |        | Elemen                   | Elements drop down menu.       |                        |         |        |                     |                       |  |
| 4                                                          | System | Display                  | Display Execute Report screen. |                        |         |        |                     |                       |  |
| 5                                                          | User   | Select "                 | Select "View Report Data".     |                        |         |        |                     |                       |  |
| 6                                                          | System | Display                  | screen.                        |                        |         |        |                     |                       |  |

| OTS I              | Developer   | Cheng-Tr  | ain Chiou     | Project            | ITS GR | M Test   | ter Name            |           |  |
|--------------------|-------------|-----------|---------------|--------------------|--------|----------|---------------------|-----------|--|
| Devel              | opment Date | 8 Februar | y 2004        | Release No.        |        | Test     | t Date              |           |  |
|                    |             |           |               |                    |        |          |                     |           |  |
| Test Scenario ID   |             | TS-22     | Scenario      | Export Report Data |        |          |                     | Scenario  |  |
| Parent Use Case ID |             | UC-9      | Objective     |                    |        |          |                     | Pass/Fail |  |
| Test S             | tart State  | Execute   | or View Rep   | ort Data state.    |        |          |                     |           |  |
| Step               | Source      | Action    |               |                    | Р      | ass/Fail | Failure Description |           |  |
| 1                  | User        | Select "  | Export Repor  | t Data".           |        |          |                     |           |  |
| 2                  | System      | Display   | Export Repo   | rt Data screen.    |        |          |                     |           |  |
| 3                  | User        | Enter "H  | Export1" into | pathname text fie  | eld.   |          |                     |           |  |
| 4                  | User        | Select "  | OK".          |                    |        |          |                     |           |  |
| 5                  | System      | Display   | Main Menu     | screen.            |        |          |                     |           |  |