

GRM Project, JACT Software  
 Issues Log  
 17 May 04 v1.7.1

<u>Original Date</u>	<u>Risk</u>	<u>Proposed Mitigation</u>	<u>Current Status</u>	<u>Assigned Person</u>	<u>Results</u>
12/19/03	Accuracy of Development and Testing Platform	<ul style="list-style-type: none"> <li>–Create a “Snapshot” of ITS Production database and develop independently.</li> <li>–Remain in contact with ITS to ensure that no changes have been made to the production machine that need to be replicated in the test setup.</li> </ul>	–Systems have been set up and discussion of schema has progressed.	Team	Completed
12/19/03	Cost	<ul style="list-style-type: none"> <li>–Find an off-the-shelf graphing algorithm package that meets ITS graphing requirements and adapt that into the GRM System.</li> <li>–Present information to ITS in regards to how the off-the-shelf product will aid in the development of the GRM System.</li> </ul>	–R-Chart software purchased. Issue resolved.	John	Completed

12/19/03	Scope of the Project versus Time Allowed	<ul style="list-style-type: none"> <li>–Prepare a project plan with a well-defined project schedule.</li> <li>–Ensure that team remains on schedule at all times.</li> <li>–Create a detailed SRS to avoid creeping requirements.</li> </ul>	–Scope still within reason. No changes. Watch closely and be mindful of end-of-quarter.	Team	Pending
02/12/04	Schedule Overrun	<ul style="list-style-type: none"> <li>–Create updated project plan and schedule when deviations occur.</li> <li>–Determine if the scope of the project is going to be affected and define ways to fix the schedule slippage.</li> </ul>	–Scope will likely not change. Source code delivery should not be expected before deployment time. Customer feedback can now be received.	Team	Pending – 20 May 04 Resolution Required
02/12/04	Team Member Availability	<ul style="list-style-type: none"> <li>–Determine if availability is becoming an issue that will hurt the schedule or the scope.</li> <li>–Be sure that this issue does not become a problem.</li> </ul>	–No team member is unavailable in such a way that the project schedule or scope is being hurt.	Team	Completed
03/01/04	Design Tradeoffs	<ul style="list-style-type: none"> <li>–Discuss and compare/contrast different design viewpoints to discover optimal solution.</li> <li>–Decide on and continue design with tradeoff chosen.</li> </ul>	–Internal high-level design completed using tradeoffs and is optimal for current project scope.	Team	Completed

03/14/04	Technology Concerns	<ul style="list-style-type: none"> <li>–Discover different technologies that are applicable to the proposed solution.</li> <li>–For this project, Remote Method Invocation, Remote Procedure Calls, and Web Services were all considered as possible solutions.</li> </ul>	–Following a discovery phase on each, the technology solution chosen was RMI.	Team	Completed
03/20/04	Contact with Customer Support Staff	<ul style="list-style-type: none"> <li>–Need to remain in contact via e-mail and/or phone to discuss the solution and its deployability.</li> <li>–Discussion with Customer Support Staff produced feedback on initial design.</li> </ul>	–Need to schedule a meeting soon to discuss normalization of database tables.	John	Completed
03/30/04	Security	–Ensure that Apache web server authentication is sufficient to prevent unauthorized invocation of thin-client.	–Security is not an issue.	John	Completed
05/05/04	Create Element “Operation” GUI	–Implementation/Testing Performed	-Awaiting implementation	John/Train	Pending
05/05/04	Create Element “Generator” GUI (Graph and Tabular)	–Implementation/Testing Performed	-Implemented	John/Train	Complete (No Error Checking)
05/05/04	Create Element “Rover” GUI	–Implementation/Testing Performed	-Implemented	John/Train	Complete (No Error Checking)

05/05/04	Create Element "Composite" GUI	-Implementation/Testing Performed	-Implemented	John/Train	Complete (No Error Checking)
05/05/04	chmod of written file	-Implementation/Testing Performed	-No OS independent solution found	Cesario	Complete – Left to User
05/05/04	Write out JPG and CSV to server (with Username/Password/Protoc ol)	-Implementation/Testing Performed	-Implemented	Cesario	Complete for CUI, not GUI
05/05/04	Element building GUI	-Implementation/Testing Performed	-Implemented	John/Train	Complete
05/05/04	"Composite-Graph" Creation Factory (JHotDraw → Element Graph)	-Implementation/Testing Performed	-Implemented	John/Train	Complete-No Longer Needed
05/05/04	Rchart Scaling Issues	-Implementation/Testing Performed		John/Train	Complete – Left to User
05/05/04	Rchart zoom-in persistency	-Implementation/Testing Performed	-Implemented	John/Train	Complete
05/05/04	Rchart attributes table	-Implementation/Testing Performed		John/Train	Complete – Left to User
05/05/04	Rchart date/time labels	-Implementation/Testing Performed		John/Train	Complete – Left to User
05/05/04	Operation IQR	-Implementation/Testing Performed	-No reasonable solution. Needs major redesign	Adam	Complete – Not adding
05/05/04	Operation Constant	-Implementation/Testing Performed	-Requires more time to implement solution. Low prioritized operation.	Adam	Pending

05/05/04	Unit Testing of Operations	–Implementation/Testing Performed	-Implemented Operations debugged	Adam/Train	Complete
05/05/04	Define Rover Attributes Table	–Implementation/Testing Performed	-Implemented	Team	Complete
05/05/04	Define Generator Attributes Table	–Implementation/Testing Performed	-Implemented	Team	Complete
05/05/04	Gateway request to populate possible query fields	–Implementation/Testing Performed	-Implemented, but requires discussion about when to execute	John/Train	Complete, but Slow. Discuss with Eric
05/05/04	Dynamic time query for Rover	–Implementation/Testing Performed	-Implemented	Train	Complete
05/05/04	Client check composite integrity.	–Implementation/Testing Performed	-Implemented	Cesario	Complete
05/05/04	Exception resolution/ Error Messages	–Implementation/Testing Performed	-Necessary exceptions thrown. Need proper handling on client-side	Team	Pending
05/05/04	Command-line interface	–Implementation/Testing Performed	-Needed functionality implemented	Train	Complete
05/05/04	Entering Elements into persistency	–Implementation/Testing Performed	-Sub-routine written and tested. Need to know when to call.	Adam	Pending
05/16/04	Operations Manual Deliverable	–Proceed with creation as soon as possible.	–UI design completed, Manual just started.	Team	Pending