

Detailed Use Cases

for

SISCalendar

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Organization: SIS.io

Revision History

| Name | Date | Reason For Changes | Version |
|----------|---------|--------------------------|---------|
| Initial | 10/1/13 | First version | 1.0 |
| Revision | 10/3/13 | Updated use case diagram | 1.1 |

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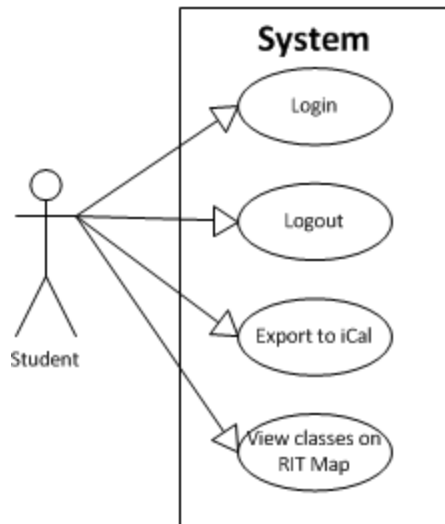
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Actors

Student - An RIT student who wants to view classes on the map or export their calendar.



Use Case List:

UC 1 - Login to the System

The user will be asked to enter their RIT computer account information to use the web application and all of its features.

UC 2 - Log Out of the system

The user clicks on “Logout” and their session is terminated.

UC 3 - Export iCal File

A user can export their course schedule to an iCal file.

UC 4 - View class on map

A user can see the location of their class on the RIT map.

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|-----------------------|---------------------|---------------------------|----------------|
| Use Case ID: | UC-1 | | |
| Use Case Name: | Login to the system | | |
| Created By: | Shawn Thompson | Last Updated By: | Shawn Thompson |
| Date Created | 10/1/13 | Date Last Updated: | 10/1/13 |

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|---------------------------|---|
| Actors: | User |
| Description: | Users will be prompted to login with their RIT account information before they can use the system. |
| Trigger: | User requests to login |
| Preconditions: | <ol style="list-style-type: none"> 1. The user has an RIT account 2. The user is trying to log in with their RIT account 3. The user is not already logged in with Shibboleth |
| Postconditions: | <ol style="list-style-type: none"> 1. The user is logged in to the system 2. The user has access to the functions of the system |
| Normal Flow: | <ol style="list-style-type: none"> 1.0 User accesses the URL 1.1 The system prompts the user for their RIT account credentials. 1.2 The user enters their RIT username and password. 1.3 The system authenticates the RIT login with Shibboleth 1.4 The user gains access to the systems functionality |
| Alternative Flows: | <p>Invalid RIT account user or pass</p> <p>User already logged in with Shibboleth</p> |
| Exceptions: | Incorrect credentials |
| Includes: | None |
| Priority | High |
| Frequency of Use: | Every time the user wants to access the |

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| | system. |
| Assumptions: | The user wants to use the system |
| Notes and Issues: | This is an include and precondition for all other use cases. |

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| Use Case ID: | UC-2 | | |
| Use Case Name: | Logout of the system | | |
| Created By: | Shawn Thompson | Last Updated By: | Shawn Thompson |
| Date Created | 10/1/13 | Date Last Updated: | 10/1/13 |

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|---------------------------|---|
| Actors: | User |
| Description: | The user clicks on “Logout” and their session is terminated. |
| Trigger: | User is done using the web application |
| Preconditions: | 1. The user is logged in 2. The user no longer wants to be logged in. |
| Postconditions: | 1. The user is logged out |
| Normal Flow: | 9.0 User is done using the web application 9.1 The user clicks on the logout button 9.2 The system logs the user out and invalidates the cookie/session 9.3 The system redirects to the default RIT logout page. |
| Alternative Flows: | N/A |
| Exceptions: | N/A |
| Includes: | Login to the system |
| Priority | Medium |
| Frequency of Use: | Whenever the user wants to log out. |
| Assumptions: | No one can use the login session after a user |

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| | has successfully logged out |
| Notes and Issues: | |

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| Use Case ID: | UC-3 | | |
| Use Case Name: | Export iCal | | |
| Created By: | Shawn Thompson | Last Updated By: | Shawn Thompson |
| Date Created | 10/1/13 | Date Last Updated: | 10/1/13 |

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|---------------------------|---|
| Actors: | User |
| Description: | The user exports their calendar as a .ics file. |
| Trigger: | The user clicks on a button. |
| Preconditions: | The user is authenticated. The user is authorized. |
| Postconditions: | The user has been prompted to download a .ics file. |
| Normal Flow: | <ol style="list-style-type: none"> 1. The user clicks on the export button. 2. The user "save" when prompted by the browser. |
| Alternative Flows: | <ol style="list-style-type: none"> 1. The user clicks the export button. <ol style="list-style-type: none"> a. The user enters option alarm time before class. b. Other possible options 2. The user clicks "Generate". 3. The user saves the file. |
| Exceptions: | <ol style="list-style-type: none"> 1. The user does not save the file. 1. The user reloads the webpage during the process. |
| Includes: | N/A |
| Priority | High |
| Frequency of Use: | One time per user. |

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| Assumptions: | The user's browser can download files. |
| Notes and Issues: | None. |

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| Use Case ID: | UC-4 | | |
| Use Case Name: | View Class on map | | |
| Created By: | Shawn Thompson | Last Updated By: | Shawn Thompson |
| Date Created | 10/1/13 | Date Last Updated: | 10/1/13 |

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| Actors: | User |
| Description: | The user chooses a class and is shown the building location of that class on the RIT Interactive Map. |
| Trigger: | The user clicks a link |
| Preconditions: | The user is authenticated. The user is authorized. The user has at least one class in their schedule. |
| Postconditions: | The users class location is visually pinpointed on the RIT Interactive Map. |
| Normal Flow: | <ol style="list-style-type: none"> 1. User selects a class in their schedule 2. User clicks map link |
| Alternative Flows: | N/A |
| Exceptions: | <ol style="list-style-type: none"> 1. Building was not found |
| Includes: | N/A |
| Priority | High |
| Frequency of Use: | Every time the user wants to see a class location. |
| Assumptions: | N/A |
| Notes and Issues: | |

