| TeamMember                                    |               |
|---|---------------|
| Responsibilities                              | Collaborators |
| Defines user name                             |               |
| Gets the current user name                    |               |
| Sets the current user name to the give string |               |
| Checks if user is a member of a team          |               |

| Issue  |               |
|--|---------------|
| Responsibilities                               | Collaborators |
| Tracks the current issue                       |               |
| Defines Issue ID                               |               |
| Defines priority level                         |               |
| Defines current issue status                   |               |
| Defines the issue type                         |               |
| Tracks the date this issue was created         |               |
| Tracks the due date                            |               |
| Tracks the current time                        |               |
| Defines the issue                              |               |
| Tracks comments added to the issue             |               |
| Tracks the team member assigned to the issue   | TeamMember    |
| Gets issue ID                                  |               |
| Sets the issue ID to what is given             |               |
| Gets the current priority level                |               |
| Sets the issue priority level                  |               |
| Gets the current issue status                  |               |
| Sets the current issue status to what is given |               |

| TeamMember |
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| Sprint                                    |               |
|---|---------------|
| Responsibilities                          | Collaborators |
| Defines current sprint                    |               |
| Defines sprint ID                         |               |
| Tracks current created date               |               |
| Tracks amount of due date                 |               |
| Tracks issues being tackled in the sprint | Issue         |

| Gets current sprint ID  |                   |
|---|-------------------|
| Sets sprint ID based on what was given                              |                   |
| Gets the date the sprint was created                                |                   |
| Sets the date the sprint was created based on what is given         |                   |
| Gets the date this sprint is due                                    |                   |
| Sets the date the sprint is due based on what is given              |                   |
| Gets the issues in this sprint                                      | Issue             |
| Sets the issues being tackled in this sprint based on what is given | Issue             |
| Gets the number of issues in a sprint                               | Issue             |
| Gets a certain issue based on its location                          | Issue             |
| Finds an issue based on the given issue ID                          | Issue             |
| Deletes an issue in a sprint  | Issue             |
| Adds an issue   | Issue             |
| Reassigns an issue in a sprint to another team member               | Issue, TeamMember |
| Updates an issue  | Issue             |
| Gets an issue based on the given issue ID                           | Issue             |

| Jira                             |               |
|----------------------------------|---------------|
| Responsibilities                 | Collaborators |
| Tracks the current time          |               |
| Defines Jira user name           |               |
| Defines the projects in the Jira | Project       |
| Defines all users in the Jira    | TeamMember    |
| Create a project                 | Project       |

| Creates an account   | TeamMember |
|--|------------|
| Signs in a user  | TeamMember |
| Saves all users  | TeamMember |
| Increases current time   |            |
| Displays Jira home screen  |            |
| Checks if given user is being used                                   | TeamMember |
| Displays sign in/sign up screen for Jira                             | TeamMember |
| Prints the projects the user is involved in                          | TeamMember |
| Prints the specific project the user is involved in and wants to see | TeamMember |
| Allow users to log out and restart the sign in/sign up screen        | TeamMember |
| Create an issue  | Issue      |
| Opens the Jira   |            |
| Get the current time   |            |
| Get the current username   |            |
| Set the username based on what is given                              |            |
| Get the projects   | Project    |
| Set the projects based on what is given                              | Project    |
| Get the users  | TeamMember |
| Set the users based on what is given                                 | TeamMember |
| Delete the given issue   | Issue      |
| Delete the given project   | Project    |

| Move the given issue   | Issue             |
|--|-------------------|
| Assign the given issue   | Issue, TeamMember |
| Update the given issue   | Issue             |
| Save the current jira to a text file   |                   |
| Simulate working on working on a sprint  |                   |
| Delete sprints at deadlines, moves completed items to to do, set issue status if complete, and set issues current time |                   |

| Project   |               |
|---|---------------|
| Responsibilities                                | Collaborators |
| Defines project ID                              |               |
| Defines project name                            |               |
| Defines project deadline                        |               |
| Defines issues that need to be tackled          | Issue         |
| Defines sprints in progress                     | Sprint        |
| Defines completed issues                        | Issue         |
| Defines the project owner                       | TeamMember    |
| Defines projects leads                          | TeamMember    |
| Defines developers                              | TeamMember    |
| Gets current project ID                         |               |
| Sets current project ID based on what was given |               |
| Gets project name                               |               |
| Sets the project name based on what was given   |               |
| Gets the project deadline                       |               |

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| Sets the project deadline based on what was given                 |                   |
| Gets the issues that need to be completed                         | Issue             |
| Sets the issues that need to be completed based on what was given | Issue             |
| Gets sprints current in progress                                  | Sprint            |
| Sets sprints current in progress based on what is given           | Sprint            |
| Gets completed issues   | Issue             |
| Sets completed issues based on what is given                      | Issue             |
| Gets the project owner  | TeamMember        |
| Sets the project owner based on what is given                     | TeamMember        |
| Gets project leads  | TeamMember        |
| Sets project leads based on what is given                         | TeamMember        |
| Gets developers of project  | TeamMember        |
| Sets developers of project based on what is given                 | TeamMember        |
| Saves current state of project to a text file                     |                   |
| Determines if a given user is a member of this project            | TeamMember        |
| Displays the project  | TeamMember        |
| Returns string of users highest access level in given project     | TeamMember        |
| Create a new issue  | Issue, TeamMember |
| Deletes an issue  | Issue, TeamMember |
| Assigns an issue to a team member                                 | Issue, TeamMember |
| Checks if the current username is in this project's lead team     | TeamMember        |
| Checks if the current username is in the developers               | TeamMember        |

| Returns given issue  |                   |
|--|-------------------|
| Moves issue from one place to another                        | Issue, TeamMember |
| Moves all items from sprint to todo and deletes sprint       | Issue             |
| Updates an aspect of a issue                                 | Issue             |
| Saves project to a string                                    |                   |
| opens text file and updates project based on given text file |                   |
| Adds a project lead to a project                             | TeamMember        |
| Removes a project lead from a project                        | TeamMember        |
| Adds a developer to a project                                | TeamMember        |
| Removes a developer from a project                           | TeamMember        |