*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1300

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**Project:** V.I.P. Website 7.0

**Product Owner(s)**: Francisco Ortega, Masoud Sadjadi

**Mentor(s)**: Jose Ponce

**Instructor**: Masoud Sadjadi

**User Story Name: Manage Users in Admin Panel**

* Description: As a PI/CoPI, I would like to be able to make changes to a user’s properties, so that I can easily modify/update the information of users.

Acceptance Criteria

* After selecting the option to change the user’s properties and entering the new properties for the project, the user’s updated information will be displayed to the user.
* Needs to have ability to change the semester of users so that PI/CoPI can move users to future semesters.
* Merge the Admin Panel UI for searching and filtering with the ability to modify the user’s properties.

**Use Cases**

* Name: Administrator adds a user
* Actor: Pi/CoPi
* Preconditions: Admin must be logged in with administrative rights, admin must be at the admin panel page - user maintenance tab.
* Description:

1. Pi/CoPi selects the ‘add new user’ button
2. Vip.fiu.edu responds by prompting Pi/CoPi with the add user dialog
3. Pi/CoPi enters user information and selects ‘add user’ button.
4. Vip.fiu.edu responds by either displaying a failure message with the specific occured error or displaying a confirmation message that the new user has been added to the system.

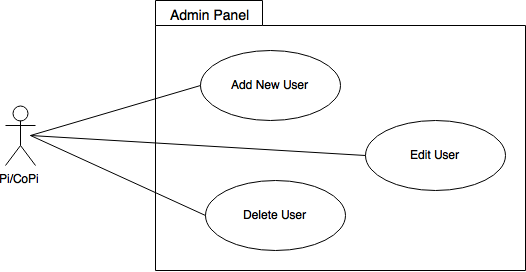
* Name: Administrator edits a user
* Actor: Pi/CoPi
* Preconditions: Admin must be logged in with administrative rights, admin must be at the admin panel page - user maintenance tab.
* Description:

1. Pi/CoPi selects the ‘edit user’ button
2. Vip.fiu.edu responds by prompting Pi/CoPi with the edit user dialog
3. Pi/CoPi modifies user information and selects ‘save changes’ button.
4. Vip.fiu.edu responds by either displaying a failure message with the specific occured error or displaying a confirmation message that the user has been updated in the system.

* Name: Administrator deletes a user
* Actor: Pi/CoPi
* Preconditions: Admin must be logged in with administrative rights, admin must be at the admin panel page - user maintenance tab.
* Description:

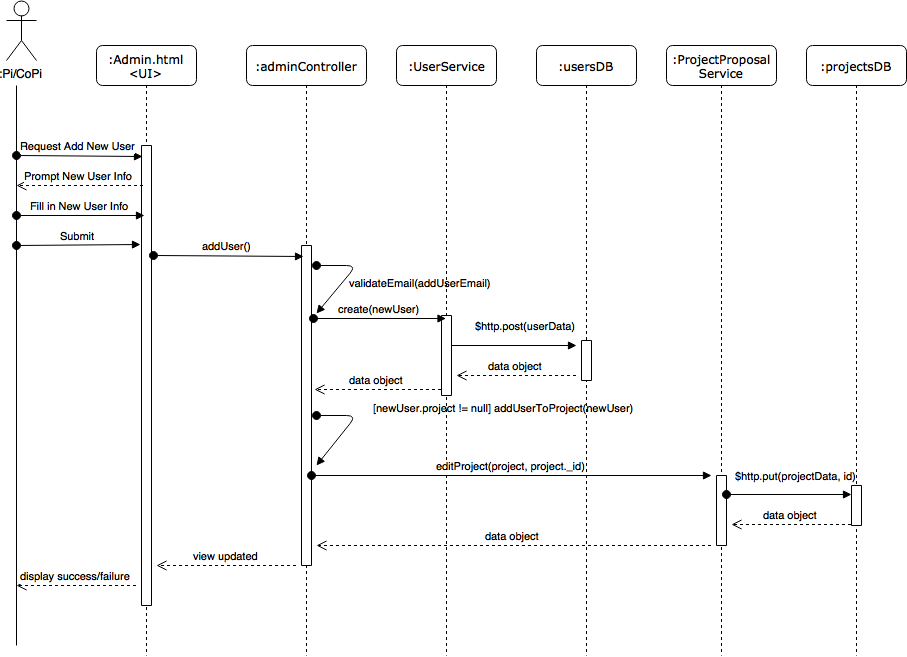
1. Pi/CoPi selects the ‘delete user’ button
2. Vip.fiu.edu responds by requesting confirmation to to delete user
3. Pi/CoPi selects ‘Yes’ button.
4. Vip.fiu.edu responds by either displaying a failure message with the specific occured error or displaying a confirmation message that the user has been deleted from the system.

**Use Case Diagram**

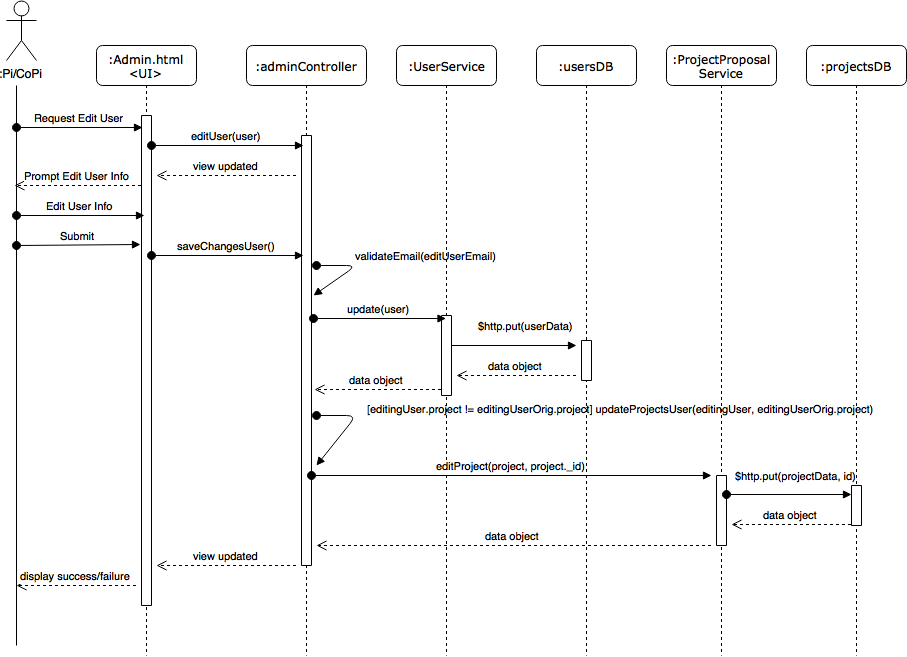
[](https://www.draw.io/#G0B_dj3TRYcWPad2xzY3ZEMFlIOXc)

**Sequence Diagrams**

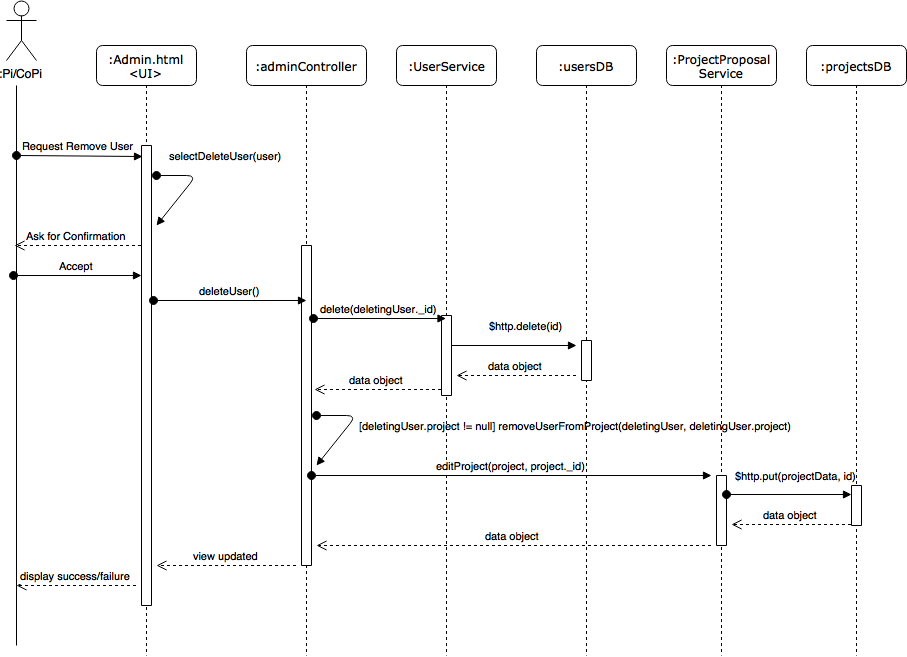
Add User

[](https://www.draw.io/#G0B_dj3TRYcWPadTFrbEMwWGJBT28)

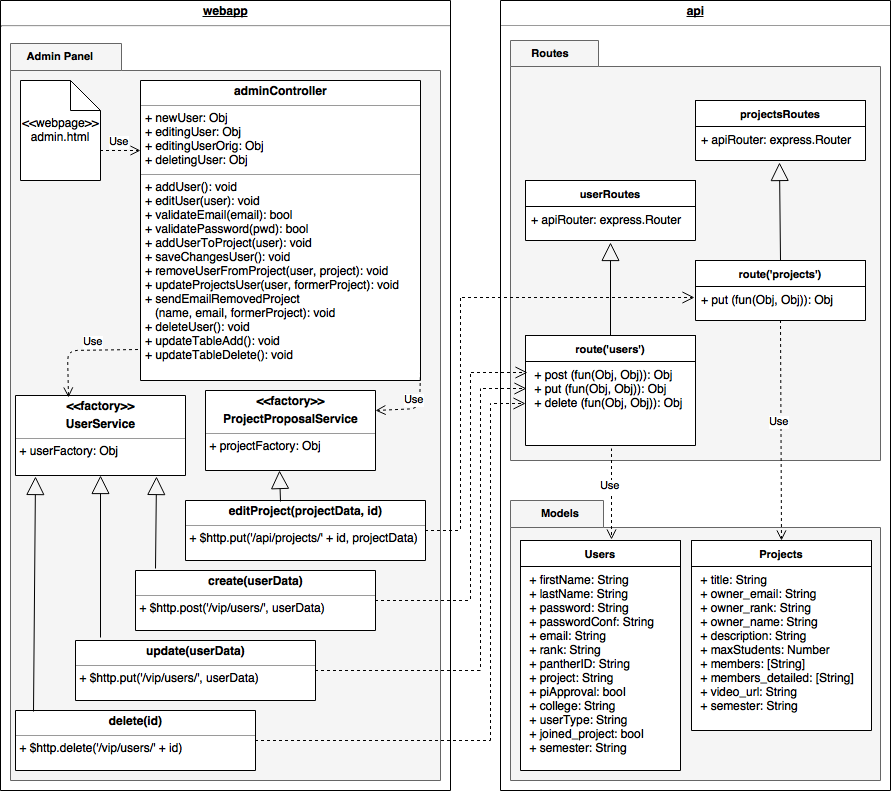
Edit User

[](https://www.draw.io/#G0B_dj3TRYcWPaYzRzM0h2eUlQTE0)

Remove User

[](https://www.draw.io/#G0B_dj3TRYcWPacEpoTl9WcjA5dkk)

**Class Diagram**

[](https://www.draw.io/#G0B_dj3TRYcWPac3RQQWx1NHFtejg)

**Unit Tests**

* Test case ID: VIP-1300-U1
* Description: Admin adds a new user (Sunny Day Scenario)
* Summary of Test:

1. Tester selects ‘add new user’ button
2. Tester enters user data into add user dialog
3. Tester selects ‘add user’ button

* Test Data:
* First Name: testF
* Last Name: testL
* Email: test@testing.edu
* Password: Password#123
* Pre-Condition:

1. User with Pi/CoPi privileges has logged into the VIP website
2. User is at the admin panel page - user maintenance tab

* Expected Results:

1. User will be added to the database
2. Users panel table will be updated with user at the bottom
3. Tester will be notified of success

* Actual Result:

1. User will be added to the database
2. Users panel table will be updated with user at the bottom
3. Tester will be notified of success

* Status (Fail/Pass): PASS
* Test case ID: VIP-1300-U2
* Description: Admin adds a new user (Rainy Day Scenario)
* Summary of Test:

1. Tester selects ‘add new user’ button
2. Tester enters user data into add user dialog
3. Tester selects ‘add user’ button

* Test Data:
* First Name: testF
* Last Name: testL
* Email: test
* Password: pass
* Pre-Condition:

1. User with Pi/CoPi privileges has logged into the VIP website
2. User is at the admin panel page - user maintenance tab

* Expected Results:

1. User will not be added to database
2. Users panel table will not be updated with user at the bottom
3. Tester will be notified of error

* Actual Result:

1. User will not be added to database
2. Users panel table will not be updated with user at the bottom
3. Tester will be notified of error

* Status (Fail/Pass): PASS
* Test case ID: VIP-1300-U3
* Description: Admin edits user (Sunny Day Scenario)
* Summary of Test:

1. Tester selects ‘edit user’ button for user ‘testF’
2. Tester modifies user with user data into edit user dialog
3. Tester selects ‘save changes’ button

* Test Data:
* First Name: editF
* Last Name: editL
* Email: edit@testing.edu
* Gender: Male
* User Type: Student
* Rank: Senior
* PI Approval: true
* Project: VIP Website 7.0
* Pre-Condition:

1. User with Pi/CoPi privileges has logged into the VIP website
2. User is at the admin panel page - user maintenance tab
3. Test VIP-1300-U1 has been executed
4. Project ‘VIP Website 7.0’ exists in projects database

* Expected Results:

1. User will be updated in the database
2. Users panel table will be updated
3. Project will be updated in the database
4. Projects panel table will be updated
5. Tester will be notified of success

* Actual Result:

1. User will be updated in the database
2. Users panel table will be updated
3. Project will be updated in the database
4. Projects panel table will be updated
5. Tester will be notified of success

* Status (Fail/Pass): PASS
* Test case ID: VIP-1300-U4
* Description: Admin edits user (Rainy Day Scenario)
* Summary of Test:

1. Tester selects ‘edit user’ button for user ‘testF’
2. Tester modifies user with user data into edit user dialog
3. Tester selects ‘save changes’ button

* Test Data:
* First Name: editF
* Last Name: editL
* Email: edit@testing
* Gender: Male
* User Type: Student
* Rank: Senior
* PI Approval: true
* Project: VIP Website 7.0
* Pre-Condition:

1. User with Pi/CoPi privileges has logged into the VIP website
2. User is at the admin panel page - user maintenance tab
3. Test VIP-1300-U1 has been executed
4. Project ‘VIP Website 7.0’ exists in projects database

* Expected Results:

1. User will not be updated in the database
2. Users panel table will not be updated
3. Project will not be updated in the database
4. Projects panel table will not be updated
5. Tester will be notified of error

* Actual Result:

1. User will not be updated in the database
2. Users panel table will not be updated
3. Project will not be updated in the database
4. Projects panel table will not be updated
5. Tester will be notified of error

* Status (Fail/Pass): PASS
* Test case ID: VIP-1300-U5
* Description: Admin removes user (Sunny Day Scenario)
* Summary of Test:

1. Tester selects ‘remove user’ button for user ‘testF’
2. Tester selects ‘Yes’ button

* Pre-Condition:

1. User with Pi/CoPi privileges has logged into the VIP website
2. User is at the admin panel page - user maintenance tab
3. Test VIP-1300-U1 has been executed

* Expected Results:

1. User will be removed from the database
2. Users panel table will be updated with user removed from it
3. Tester will be notified of success

* Actual Result:

1. User will be removed from the database
2. Users panel table will be updated with user removed from it
3. Tester will be notified of success

* Status (Fail/Pass): PASS

**Integration Test**

* Test case ID: VIP-1300-G1
* Description: User and Admin Email will be notified when user is removed from project by Edit User Dialog
* Summary of Test:

1. Tester enters a test admin email into the admin email input
2. Tester selects the entered admin email and selects the ‘change’ button
3. Tester selects the user maintenance tab
4. Tester selects ‘edit user’ button for a user currently in a project
5. Tester sets the user’s project to null
6. Tester selects ‘save changes’ button, which toggles an automated message sent to the admin email and the user’s email.

* Pre-condition:

1. User with Pi/CoPi privileges has logged into the VIP website
2. User is at the admin panel page - admin maintenance tab
3. There exists a user that is already assigned to an active project

* Expected Results:

1. User will be updated to not be assigned to project
2. Both user and admin email will receive an email notification

* Actual Result:

1. User will be updated to not be assigned to project
2. Both user and admin email will receive an email notification

* Status (Fail/Pass): PASS

**Visual User Guide**

