*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1328

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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: Update user and project updating features**

* As a User, I want to ensure that when I update my user information, all of my information is properly stored and updated, so that data integrity is kept between the users database and the projects database.

Acceptance Criteria

* When a User changes their personal information: first name, last name or email, that information must be updated in any projects the User is currently associated with.
* When a Pi/CoPi changes a User’s personal information in the admin users panel, that information must be updated in any projects the User is currently associated with.
* When a Pi/CoPi changes a Project’s personal information in the admin projects panel, that information must be updated in any Users currently associated with that project.
* When a Project owner or Pi/CoPi changes a Project’s personal information in the edit projects page, that information must be updated in any Users currently associated with that project.
* When a User leaves a project in the projects-detailed page, the User’s project must be updated to reflect this change.
* When a Pi/CoPi deletes a project in the projects-detailed page, the users associated with this project must be updated to reflect this change.

**Use Cases**

* Name: User updates their profile information
* Actor: User (Pi/CoPi/Faculty/Student)
* Preconditions:
* User must be logged in
* User must be at the profile page
* User must currently be associated to an active project (user must be either a member, a mentor, an owner or associated faculty to a project)
* Description:

1. User modifies their first name, last name, and/or email address, and selects ‘update’ button.
2. Vip.fiu.edu responds by displaying a failure message with the specific occured error or displaying a confirmation message that the user’s profile has been updated in the system.
3. User can now go to the project page they are currently associated with and see their updated information also updated in the project

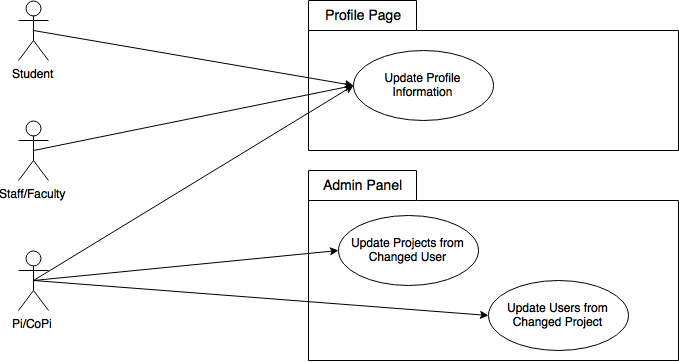
* Name: Projects updated after Administrator updates the information of a User
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - users maintenance tab
* User must currently be associated to an active project (user must be either a member, a mentor, an owner or associated faculty to a project)
* 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’s first name, last name, and/or email address 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 project has been updated in the system.
5. Pi/CoPi can now go to the projects panel and see the project the user is currently associated with and see their updated information is also updated in the project

* Name: Users updated after Administrator updates a Project’s title
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - projects maintenance tab
* Project must currently be associated to a User (user must be either a member, a mentor, an owner of this project)
* Description:

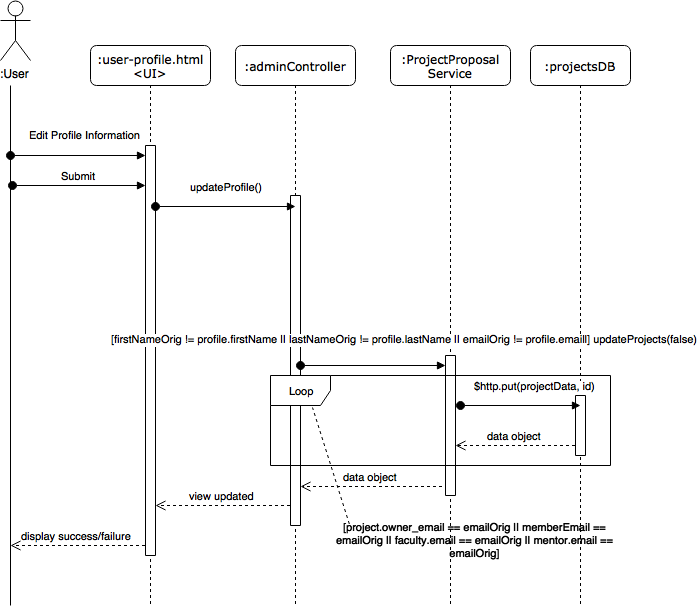
1. Pi/CoPi selects the ‘edit project properties’ button
2. Vip.fiu.edu responds by prompting Pi/CoPi with the edit project properties dialog
3. Pi/CoPi modifies the project’s title and selects ‘save changes’ button.
4. Vip.fiu.edu responds by either displaying a failure message with the specific occured error or displaying a confirmation message that the project has been updated in the system.
5. Pi/CoPi can now go to the users panel and see the users currently associated with the project have also been updated with the updated project information.

**Use Case Diagram**

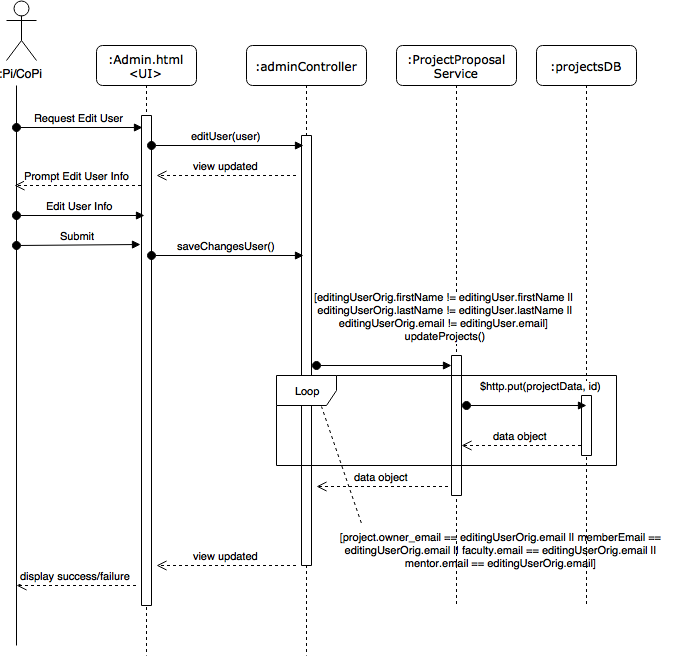
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**Sequence Diagrams**

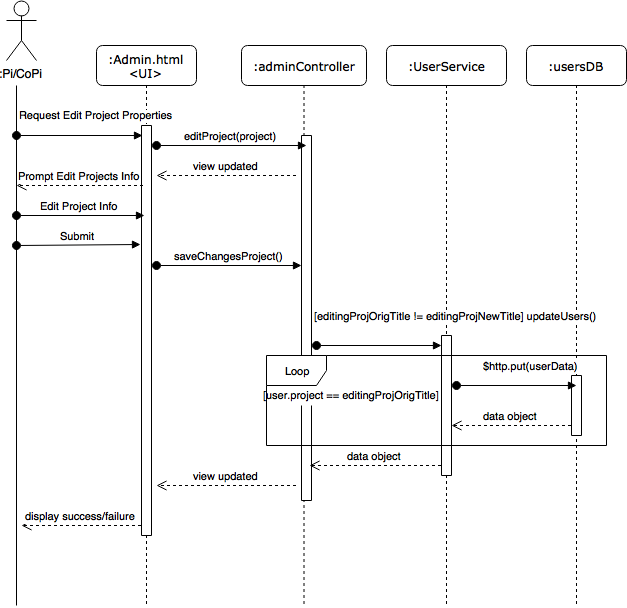
Update Profile Information

[](https://www.draw.io/#G0B_dj3TRYcWPacVdTVkllTjdoRGM)

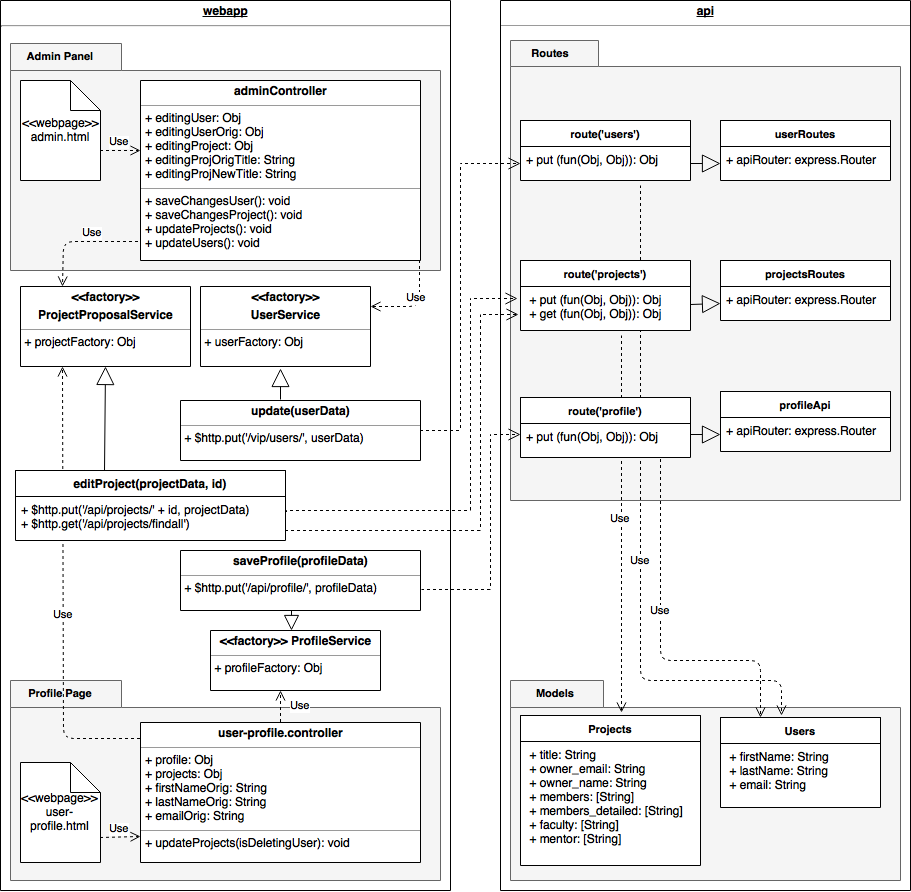
Update Projects from Changed User

[](https://www.draw.io/#G0B_dj3TRYcWPab1BjVG5BdkVLTlE)

Update Users from Changed Project

[](https://www.draw.io/#G0B_dj3TRYcWPaZUlMUjFBQjB2dkE)

**Class Diagram**

[****](https://www.draw.io/#G0B_dj3TRYcWPabkQyLWFkek11RXc)

**Unit Tests**

* Test case ID: VIP-1328-U1
* Description: User updates their name at profile page
* Summary of Test:

1. Tester modifies first name and last name with test data
2. Tester selects ‘update’ button
3. Tester selects ‘projects’ button in navigation bar
4. Tester selects the project the user is a current member of

* Test Data:
* First Name: FirstNameTest
* Last Name: LastNameTest
* Pre-Condition:

1. User has logged into the VIP website
2. User is at the profile page
3. User must be a current member of an active project

* Expected Results:

1. User will be updated in the database
2. Project will be updated in the database
3. Projects page will be updated with user name change

* Actual Result:

1. User will be updated in the database
2. Project will be updated in the database
3. Projects page will be updated with user name change

* Status (Fail/Pass): PASS
* Test case ID: VIP-1328-U2
* Description: Admin edits user’s name in users admin panel
* Summary of Test:

1. Tester selects ‘edit user’ button
2. Tester modifies user with test data in edit user dialog
3. Tester selects ‘save changes’ button
4. Tester selects ‘project maintenance’ tab
5. Tester finds the project the user is a current member of

* Test Data:
* First Name: FirstNameTest
* Last Name: LastNameTest
* Pre-Condition:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - user maintenance tab
3. User must be a current member of an active project

* Expected Results:

1. User will be updated in the database
2. Project will be updated in the database
3. User and Projects panel will be updated with user name change

* Actual Result:

1. User will be updated in the database
2. Project will be updated in the database
3. User and Projects panel will be updated with user name change

* Status (Fail/Pass): PASS
* Test case ID: VIP-1328-U3
* Description: Admin edits project’s title in projects admin panel
* Summary of Test:

1. Tester selects ‘edit project properties’ button
2. Tester modifies project with test data into edit project dialog
3. Tester selects ‘save changes’ button

* Test Data:
* Project Title: TestTitle
* Pre-Condition:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - project maintenance tab
3. Project must have either/or: an owner, a mentor, a faculty, a member

* Expected Results:

1. User will be updated in the database
2. Project will be updated in the database
3. User and Projects panel will be updated with user name change

* Actual Result:

1. User will be updated in the database
2. Project will be updated in the database
3. User and Projects panel will be updated with user name change

* Status (Fail/Pass): PASS

**Integration Test**

* Test case ID: VIP-1328-G1
* Description: Updating user in admin user panel should update Projects page with the user as a member
* Summary of Test:

1. Tester selects ‘edit user’ button
2. Tester modifies user with test data in edit user dialog
3. Tester selects ‘save changes’ button
4. Tester selects ‘projects’ button in navigation bar
5. Tester selects the project the user is a current member of

* Test Data:
* First Name: FirstNameTest
* Last Name: LastNameTest
* Pre-condition:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - user maintenance tab
3. User must be a current member of an active project

* Expected Results:

1. User will be updated in the database
2. Project will be updated in the database
3. Projects page will be updated with user name change

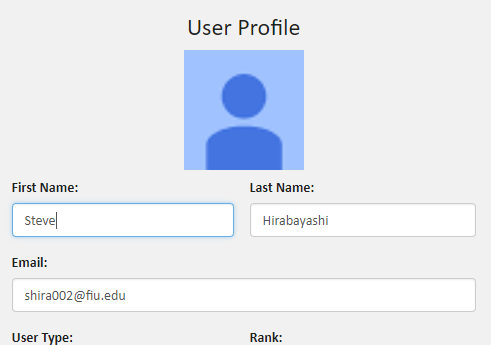
* Actual Result:

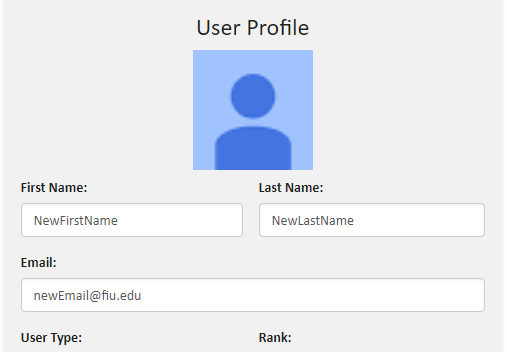
1. User will be updated in the database
2. Project will be updated in the database
3. Projects page will be updated with user name change

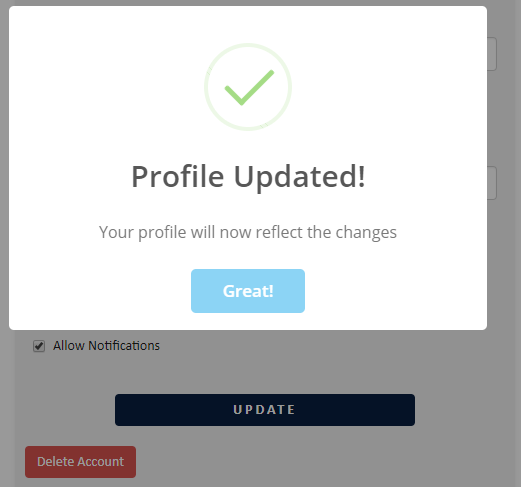
* Status (Fail/Pass): PASS

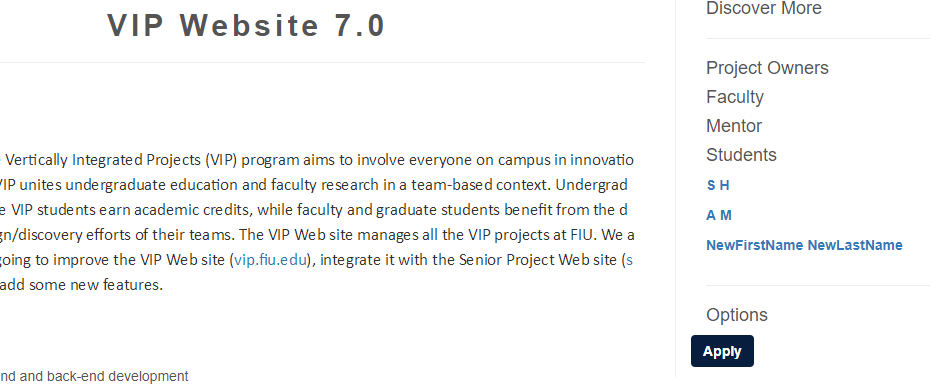
**Visual User Guide**

First Example:









Second Example:

