*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1345

**Name:** Steve Hirabayashi

**Team Member(s):** Leon Liang, Dale Keith, Andres Moser, Steve Hirabayashi, Adam Levy

**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 Course Information**

* As a PI/CoPI, I would like to be able to view, add, and remove a course, so that I can easily modify/update the information of courses and users that are currently in a course.

Acceptance Criteria

* After selecting the option to add/remove a course, PI/CoPi will be able to see the addition/removal of the course. If a user is associated with that course, that user is also updated in the system.
* After selecting the option to change the user’s properties and changing the course of that user, the user’s updated course information will be displayed to the PI/CoPI.
* Need to have ability to filter users by their course.

**Use Cases**

* Name: Admin Adds a Course
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - course maintenance tab
* Description:

1. Pi/CoPi enters the course subject, number and section in their respective fields
2. Pi/CoPi selects the ‘add course’ button
3. Pi/CoPi will see the addition of the course to the system

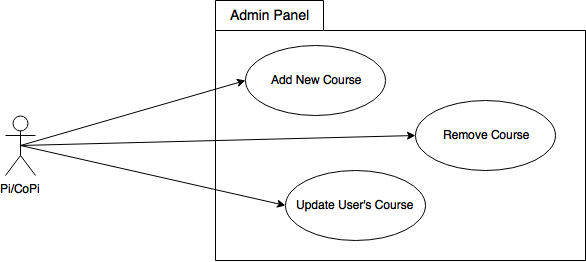
* Name: Admin Removes a course
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - course maintenance tab
* There must be a course present in the system
* Description:

1. Pi/CoPi selects the ‘remove course’ button
2. Vip.fiu.edu responds by either displaying a failure message with the specific occured error or displaying a confirmation message that the course has been removed from the system.

* Name: Admin updates a User’s course
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - course maintenance tab
* There must be a User and a Course present in the system
* Description:

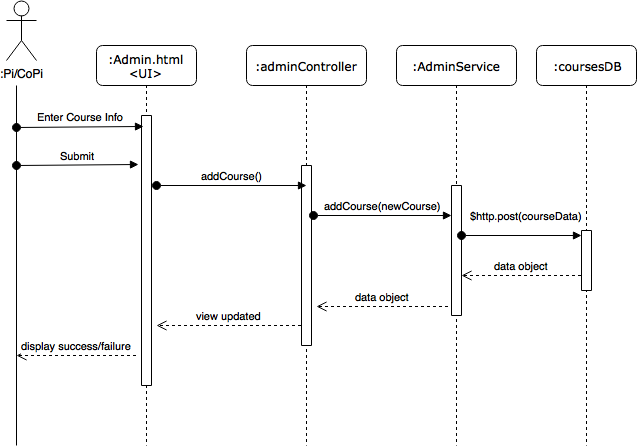
1. Pi/CoPi selects the ‘edit user’ button
2. Vip.fiu.edu responds by prompting Pi/CoPi with the edit user dialog
3. Pi/CoPi selects a course and selects ‘save changes’ button.
4. Vip.fiu.edu responds by either displaying a failure message with the specific occured error or displaying a confirmation message that the user has been updated in the system.
5. Pi/CoPi can now go to the users panel and see the user’s course property has been updated with the selected course.

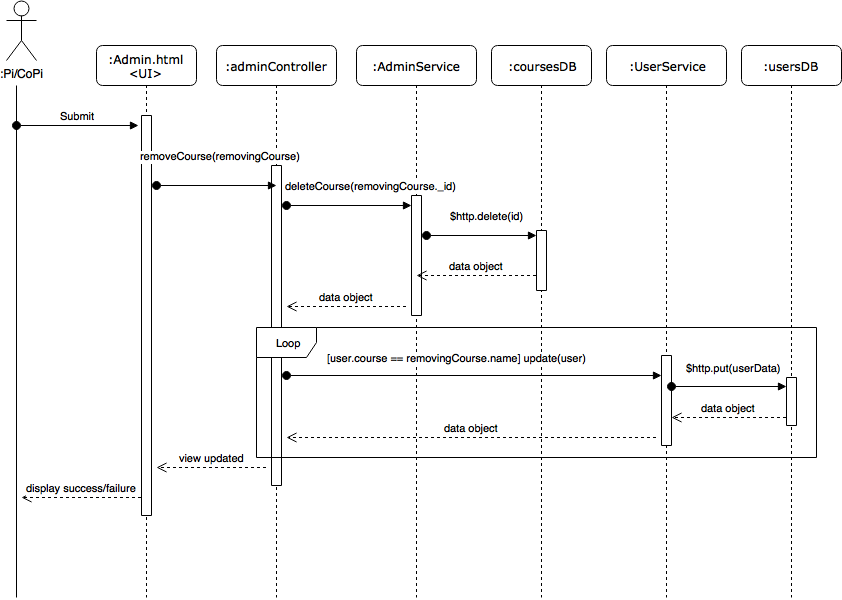
**Use Case Diagram**

[](https://www.draw.io/#G0B_dj3TRYcWPaTjlvWjNWZ1RPZzQ)

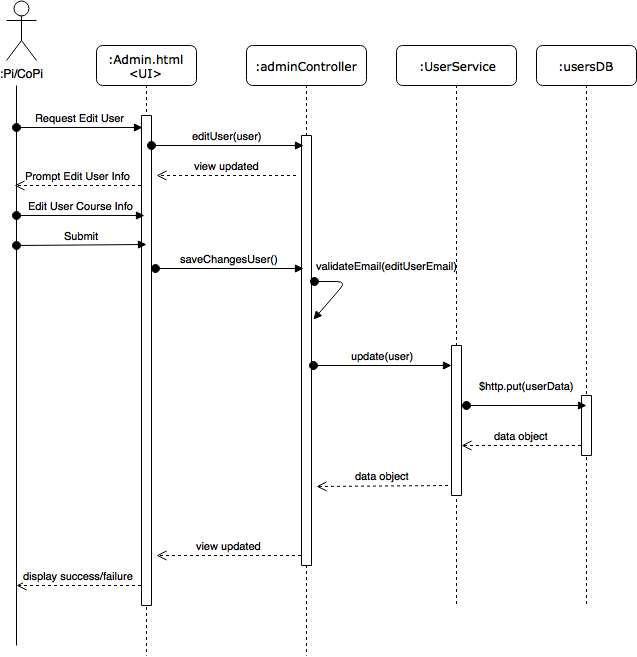
**Sequence Diagrams**

Admin Adds a Course

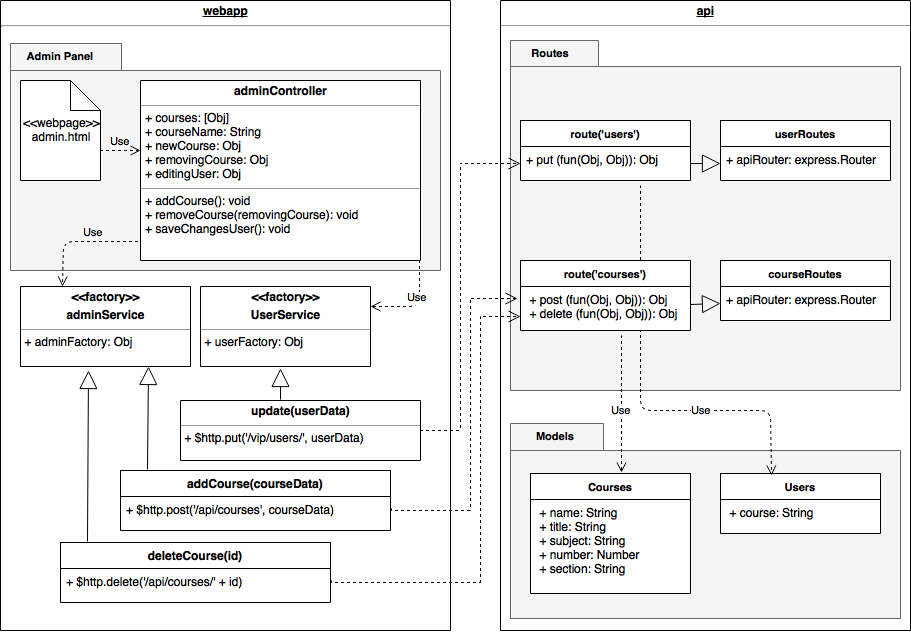
[](https://www.draw.io/#G0B_dj3TRYcWPaU19uU3lwMjFqY2c)

Admin Removes a course[](https://www.draw.io/#G0B_dj3TRYcWPaMDJTYzBLTjZHVEk)

Admin updates a User’s course

[](https://www.draw.io/#G0B_dj3TRYcWPaSHhDa1dFdDIzZ3M)

**Class Diagram**

[****](https://www.draw.io/#G0B_dj3TRYcWPaLVJPclgwMVBGTjg)

**Unit Tests**

* Test case ID: VIP-1345-U1
* Description: Admin adds a new course
* Summary of Test:

1. Tester enters Test Data into course fields
2. Tester selects ‘add course’ button

* Test Data:
* Course Subject: TST
* Course Number: 1234
* Course Section: 01
* Pre-Conditions:

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

* Expected Results:

1. Course will be added to the database
2. Course maintenance page will be updated with new course

* Actual Result:

1. Course will be added to the database
2. Course maintenance page will be updated with new course

* Status (Fail/Pass): PASS
* Test case ID: VIP-1345-U2
* Description: Admin removes an existing course
* Summary of Test:

1. Tester selects ‘delete course’ button next to course ‘TST1234-U01’

* Pre-Conditions:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - user maintenance tab
3. VIP-1345-U1 has been executed

* Expected Results:

1. Course will be removed from the database
2. Course maintenance page will be updated with course removed

* Actual Result:

1. Course will be removed from the database
2. Course maintenance page will be updated with course removed

* Status (Fail/Pass): PASS
* Test case ID: VIP-1345-U3
* Description: Admin updates a user’s course
* Summary of Test:

1. Tester selects ‘edit user’ button for user ‘testF testL’
2. Tester selects course ‘TST1234-U01’ from course combo box
3. Tester selects ‘save changes’ button

* Pre-Conditions:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - users maintenance tab
3. VIP-1300-U1 has been executed
4. VIP-1345-U1 has been executed

* Expected Results:

1. User will be updated in the database
2. Users panel will be updated with user course change

* Actual Result:

1. User will be updated in the database
2. Users panel will be updated with user course change

* Status (Fail/Pass): PASS

**Integration Test**

* Test case ID: VIP-1345-G1
* Description: Removing course should update any users currently associated with that course
* Summary of Test:

1. Tester selects ‘delete course’ button next to course ‘TST1234-U01’

* Pre-conditions:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - course maintenance tab
3. VIP-1345-U3 has been executed

* Expected Results:

1. Course will be removed from the database
2. Course maintenance page will be updated with course removed
3. User ‘testF testL’ will be updated in the database
4. Users panel will be updated with user ‘testF testL’ course change

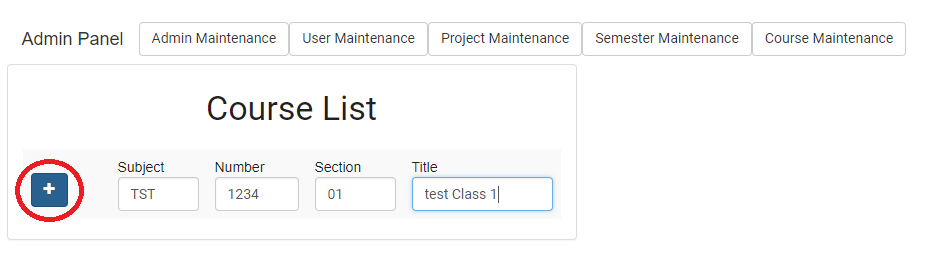
* Actual Result:

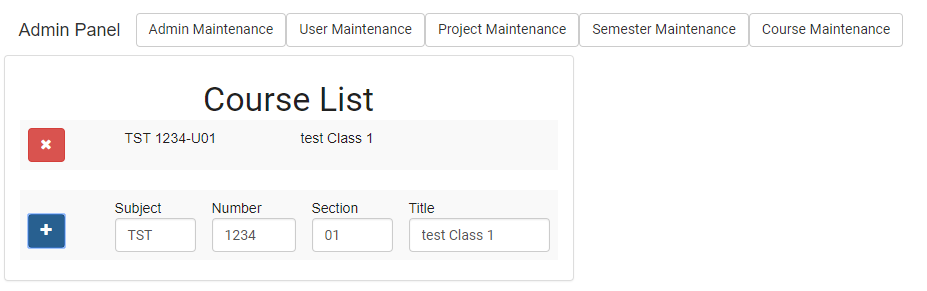
1. Course will be removed from the database
2. Course maintenance page will be updated with course removed
3. User ‘testF testL’ will be updated in the database
4. Users panel will be updated with user ‘testF testL’ course change

* Status (Fail/Pass): PASS

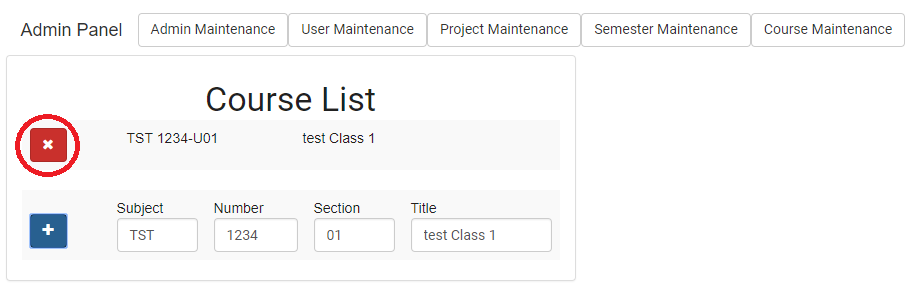
**Visual User Guide**

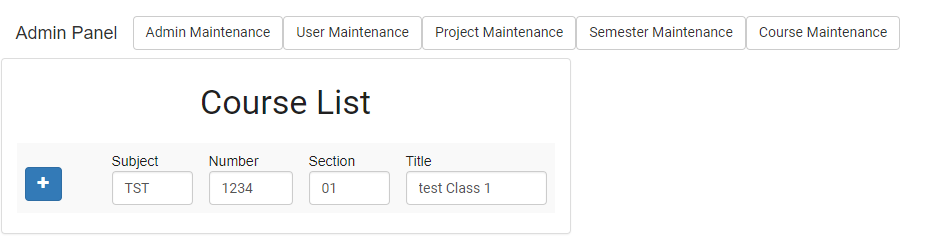
Add Course





Remove Course





Edit User’s Course

