*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1362

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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: Add Edit Course Feature in Course Panel**

* As a PI/CoPI, I would like to be able to edit a course, so that I can easily modify/update the information of current courses and users that are associated with that course.

Acceptance Criteria

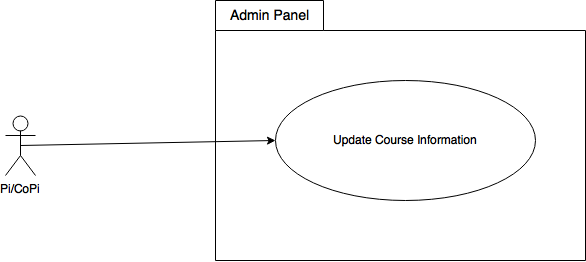
* After selecting the option to edit a course, PI/CoPi will be able to see the changes made to the course in the course panel. If a user is associated with that course, that user is also updated in the system.

**Use Cases**

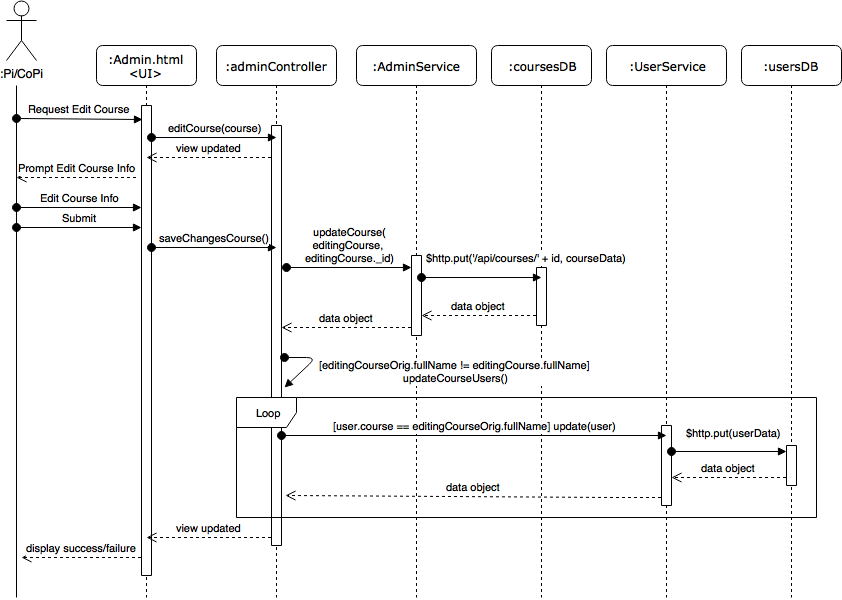
* Name: Admin updates a course’s information
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - course maintenance tab
* Description:

1. Pi/CoPi selects the ‘edit course’ button
2. Pi/CoPi enters new information for the course
3. Pi/CoPi selects the ‘save changes’ button
4. Vip.fiu.edu responds by either displaying a failure message with the specific occured error, displaying a confirmation message that the course has been updated in the system, or warning Pi/CoPi that the course has associated uses, and prompting whether to remove the users or not.
5. Pi/CoPi selects the ‘OK’ button if warning message appears, otherwise, Pi/CoPi selects the ‘Confirm’ button
6. Pi/CoPi can now view the course (and any associated users) have been updated with the new information given.

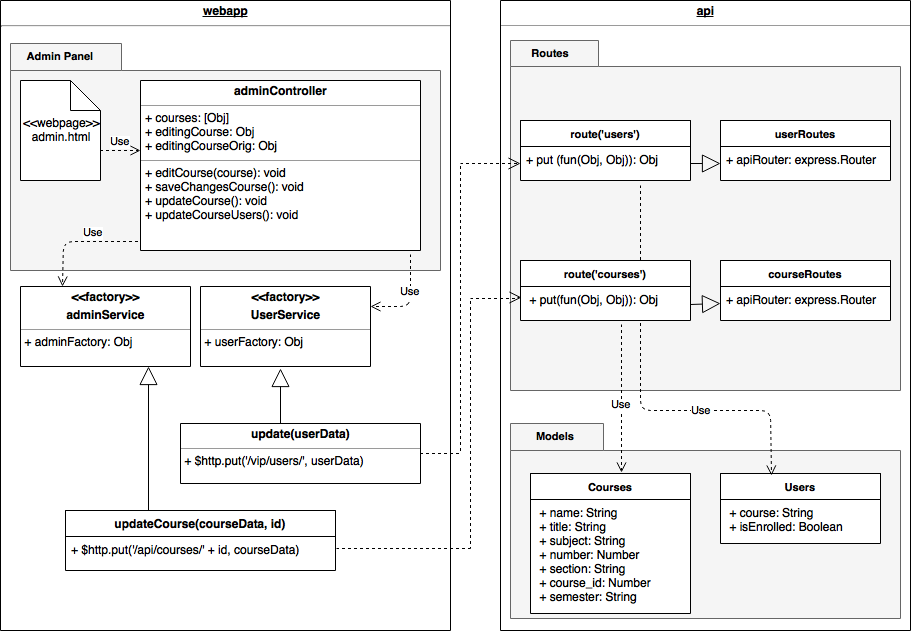
**Use Case Diagram**

[](https://www.draw.io/#G1Iu6d9ftXc7acomGzLiwPKhNogy9ATYMY)

**Sequence Diagram**

[](https://www.draw.io/#G1M52kgFYBJ2wPQnzCwo_LhOp_V7IsrHok)

**Class Diagram**

[****](https://www.draw.io/#G1yjocvByRjHBQo_xukgJhoHqdQTFKqqNS)

**Unit Test**

* Test case ID: VIP-1362-U1
* Description: Admin updates a course
* Summary of Test:

1. Tester selects edit course’ button for course ‘TST 1234-U01’
2. Tester enters Test Data into course fields
3. Tester selects ‘save changes’ button
4. Tester selects ‘continue’ button
5. Tester selects ‘close’ button

* Test Data:
* Course Subject: NEW
* Course Number: 1000
* Course Section: 01
* Course ID: 10000
* 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-U1 has been executed (creates course ‘TST 1234-U01’)

* Expected Results:

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

* Actual Result:

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

* Status (Fail/Pass): PASS

**Integration Test**

* Test case ID: VIP-1362-G1
* Description: Admin updates a course with associated users
* Summary of Test:

1. Tester selects edit course’ button for course ‘TST 1234-U01’
2. Tester enters Test Data into course fields
3. Tester selects ‘save changes’ button
4. Tester selects ‘continue’ button
5. Tester selects ‘close’ button

* Test Data:
* Course Subject: NEW
* Course Number: 5000
* Course Section: 01
* Course ID: 11111
* 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-U1 has been executed (creates course ‘TST 1234-U01’)
4. VIP-1346-U1 has been executed (syncs users ‘Test User’, ‘Q W’, ‘first1 last1 last2’ to course ‘TST 1234-U01’)

* Expected Results:

1. Course will be updated in the database
2. Course maintenance page will be updated for course ‘NEW 1234-U01’
3. Users ‘Test User’, ‘Q W’, ‘first1 last1 last2’ will be updated to no longer be in course ‘TST 1234-U01’

* Actual Result:

1. Course will be updated in the database
2. Course maintenance page will be updated for course ‘NEW 1234-U01’
3. Users ‘Test User’, ‘Q W’, ‘first1 last1 last2’ will be updated to no longer be in course ‘TST 1234-U01’

* Status (Fail/Pass): PASS

**Visual User Guide**

