*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1298

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

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

**Mentor(s)**: Jose Ponce

**Instructor**: Masoud Sadjadi

**User Story Name: Set Active Semester**

* Description: As a PI/Co-PI, I would like to be able to choose the active semester among all defined semesters, so that I can see and work with all the information related to the selected semester.

Acceptance Criteria

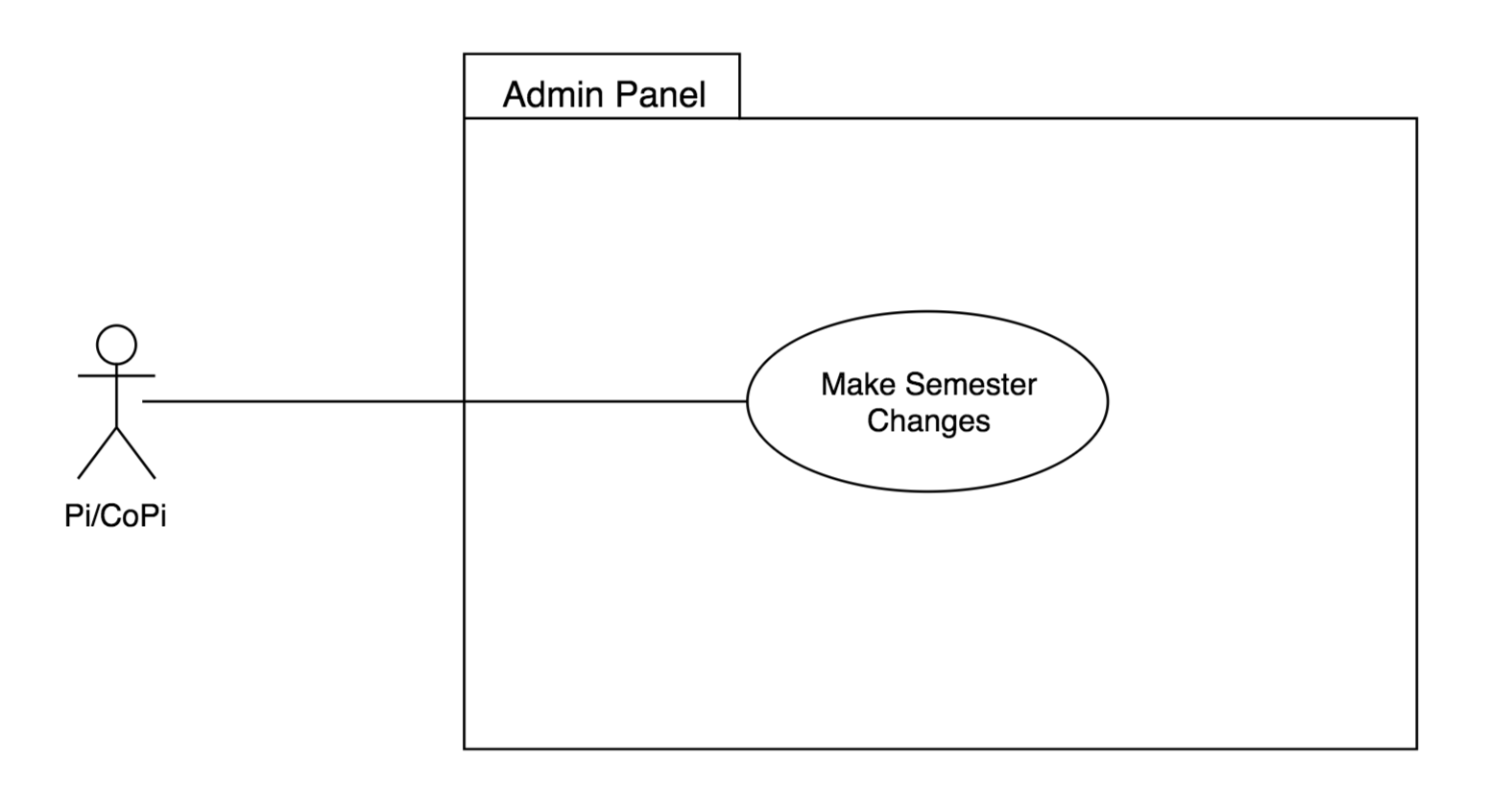
* After choosing the active semester, every where in the system, by default if a semester is needed for filtering, etc. the active semester is used.

**Use Case**

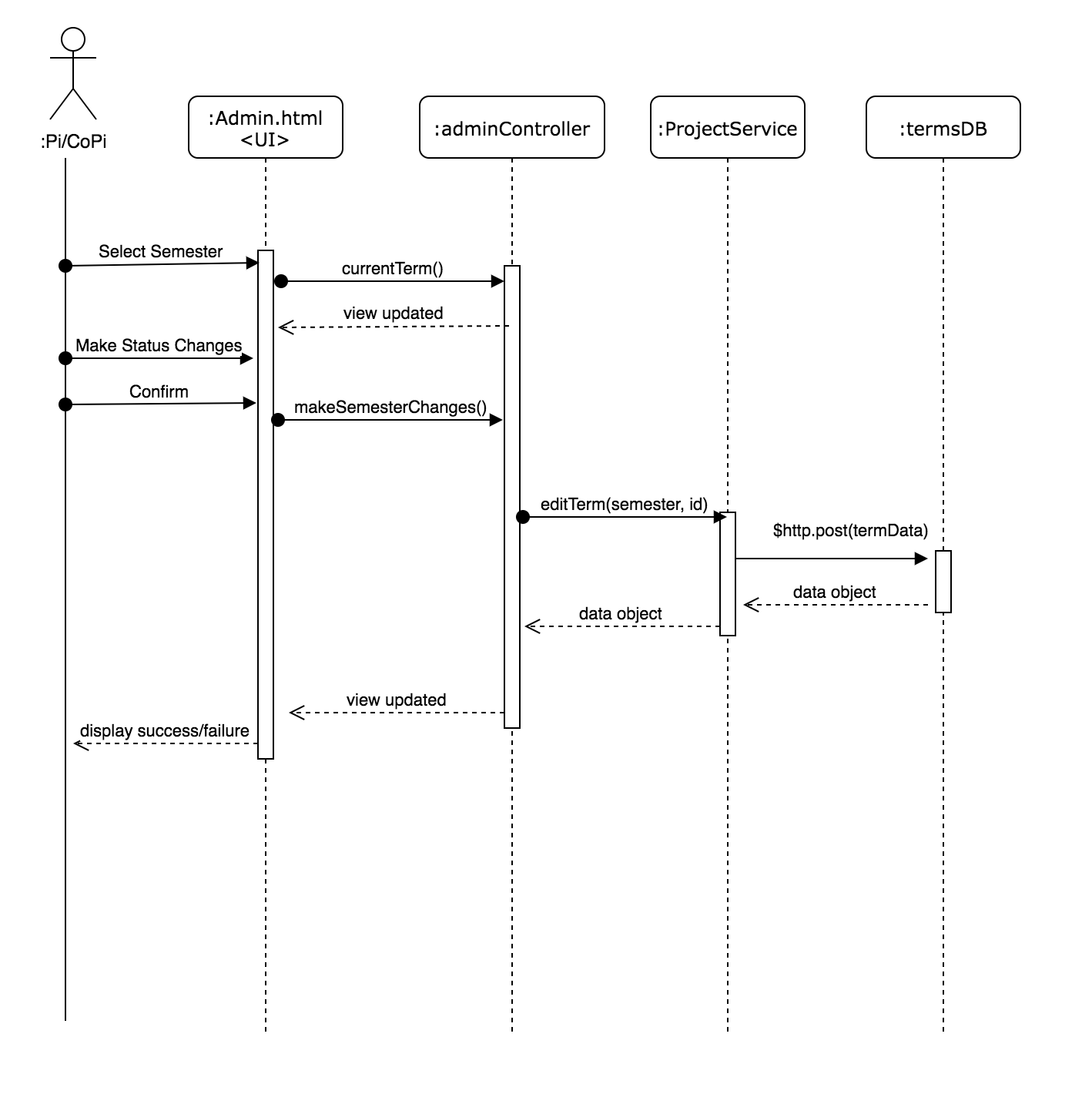
* Name: Make Semester Status Changes
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* User must be in the Admin Tools page and Semester Maintenance Tab
* Description:

1. Admin can select a semester from the semester dropdown, populated by the Term collection in MongoDB
2. Admin is presented with the four properties prepopulated with the semester’s property’s value
3. Admin is allowed to make changes to the properties via radio buttons
4. Confirm will preserve values in the database

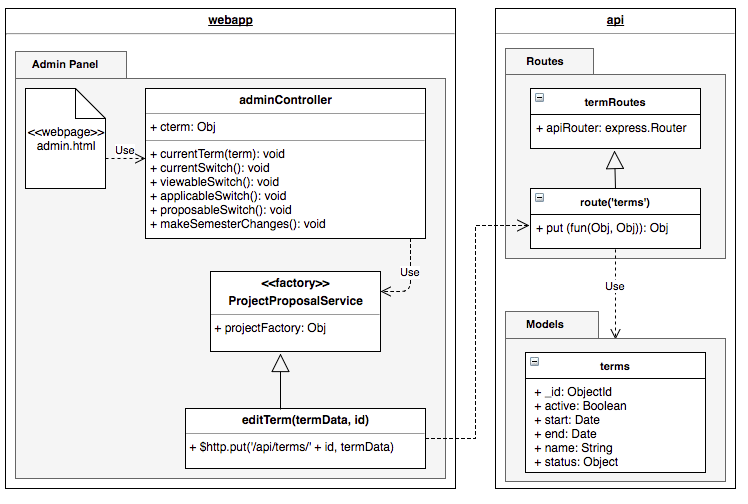
**Use Case Diagram**



**Sequence Diagram**



**Class Diagram**



**Unit Test**

* Test case ID: VIP-1298-U1
* Description:
* User wants to check semester properties
* Summary of Test:

1. Semester is selected via dropdown
2. Semester properties are populated via 4 sets of radio buttons

* Pre-condition:

1. User with Pi/CoPi privileges is logged into the VIP site
2. User is in the admin panel, Semester Maintenance tab

* Expected Results:

1. Semester Properties match the values in the database

* Actual Result:

1. Semester Properties match the values in the database

* Status (Fail/Pass): PASS

**Integration Test**

* Test case ID: VIP-1298-G1
* Description:
* User wants to change semester properties
* Summary of Test:

1. Semester is selected via dropdown
2. Semester properties are populated via 4 sets of radio buttons
3. User makes changes to the semester properties
4. User presses confirm button to save changes

* Pre-condition:

1. User with Pi/CoPi privileges is logged into the VIP site
2. User is in the admin panel, Semester Maintenance tab

* Expected Results:

1. Semester Property values must be updated in the database

* Actual Result:

1. Semester Property values must be updated in the database

* Status (Fail/Pass): PASS

**Visual User Guide**

