*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1302

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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: Create/Delete Semester**

Description:

* As an Pi/CoPi I would like to be able to add a new semester with relevant information as well as delete a semester in the Semester Maintenance Panel

Acceptance Criteria

* Ability to choose Start/End Date (MM/DD/YYYY)
* Admin can set name to what they deem appropriate (input is a string)
* Admin can set properties for new Semester(Current, Viewable, Applicable, Proposable)

**Use Cases**

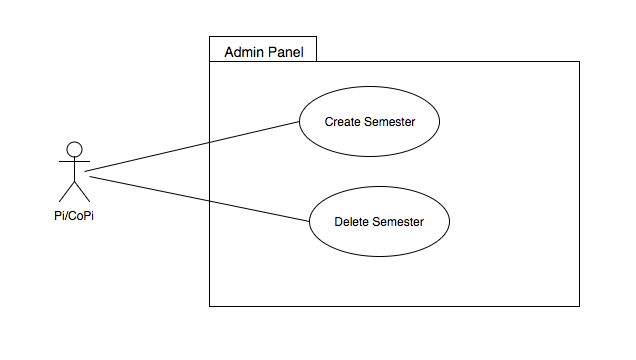
* Name: Add New Semester
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* User must be in the Admin Tools page and Semester Maintenance Tab
* Description:

1. Admin can enter Semester Name in an input field
2. Admin can select a start and end date
3. Once all three fields have values, the create button is enabled
4. Pressing the Create button will add the semester to the database

* Name: Delete Semester
* 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:

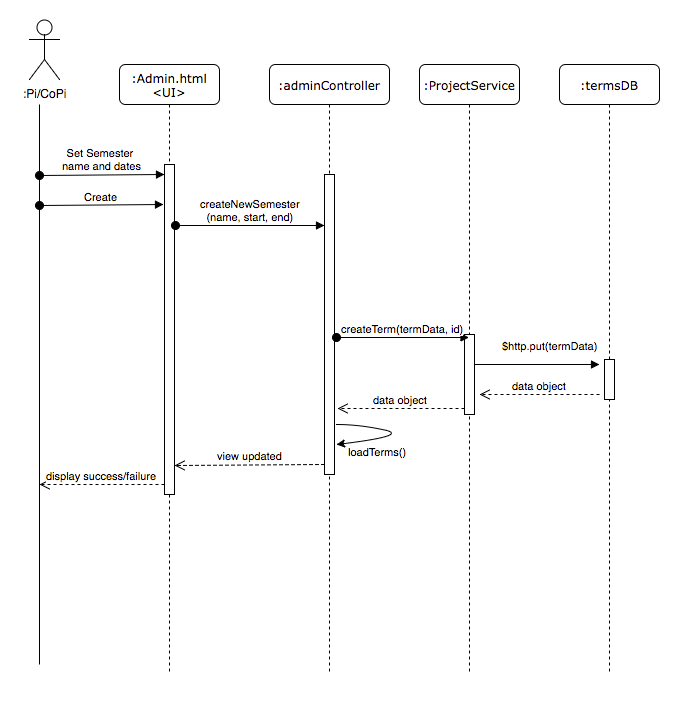
1. Admin can select a semester from the semester dropdown, populated by the Term collection in MongoDB
2. The Delete button will delete the semester and bring up a sweet alert

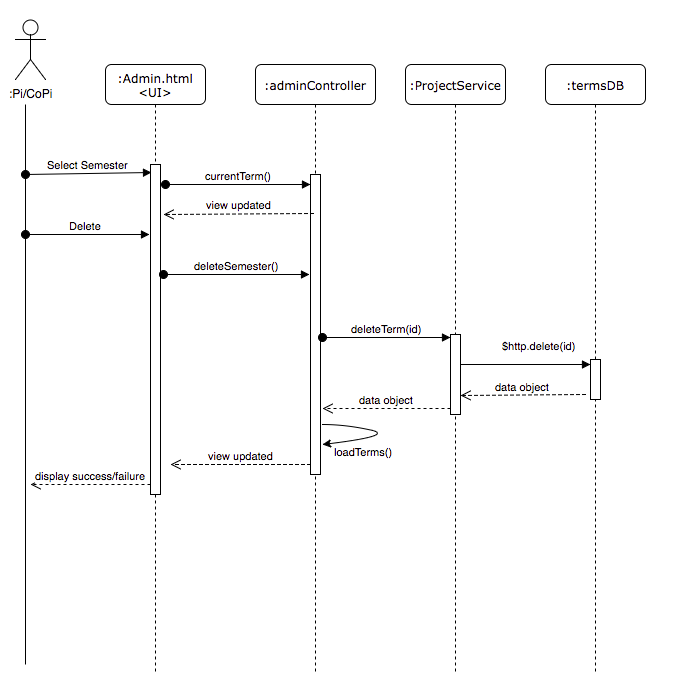
**Use Case Diagram**



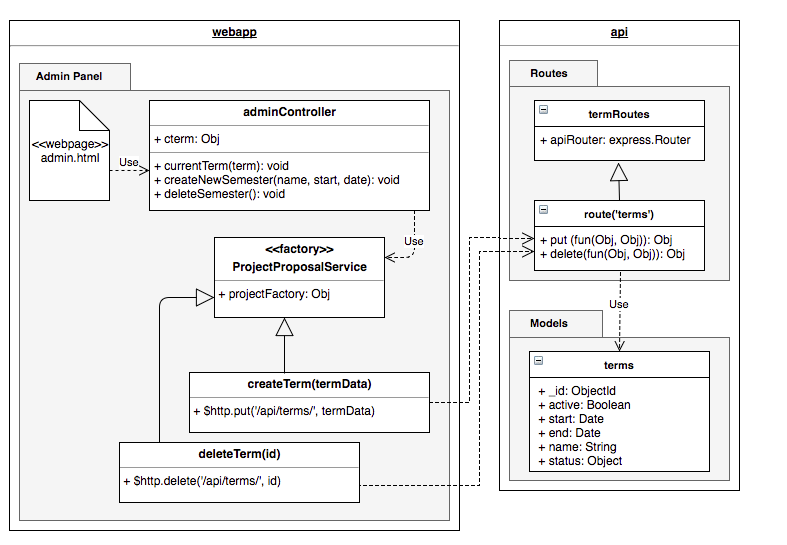
**Sequence Diagrams**

Add Semester:



Delete Semester:  


**Class Diagram**



**Unit Test**

* Test case ID: VIP-1302-U1
* Description:
* Admin wants to add a new semester
* Summary of Test:

1. Admin entered Semester Name
2. Admin selects Start and End Date
3. Admin clicks on Create Button

* Test Data:
* Semester Name: Test Sem
* Start Date: 11/1/17
* End Date: 11/30/17
* 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 is added to database
2. List of Semesters is updated to include new semester
3. Admin will be notified

* Actual Result:

1. Semester is added to database
2. List of Semesters is updated to include new semester
3. Admin will be notified

* Status (Fail/Pass): PASS
* Test case ID: VIP-1302-U2
* Description:
* Admin wants to add a new semester
* Summary of Test:

1. Admin entered Semester Name
2. Admin selects Start and End Date
3. Admin clicks on Create Button

* Test Data:
* Semester Name: Test Sem
* Start Date: null
* End Date: null
* 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. Create button is not clickable

* Actual Result:

1. Create button is not clickable

* Status (Fail/Pass): PASS
* Test case ID: VIP-1302-U3
* Description:
* Admin wants to delete semester
* Summary of Test:

1. Admin selects a semester
2. Admin clicks Delete
3. Admin confirms they want to delete semester

* 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 is deleted from database

* Actual Result:

1. Semester is deleted from database

* Status (Fail/Pass): PASS

**Visual User Guide**

