*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #1176

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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: Search users and projects based on properties in the admin panel**

* As an PI/CoPI, I would like to search students/faculty and projects based on properties (such as semester) in the admin panel so that I can look for information regarding users and projects more easily.

Acceptance Criteria

* Admin panel should be open without any errors.
* Users panel and project panel filters should result in finding the students/faculty/projects based on the selected property/properties if they exist.

**Use Cases**

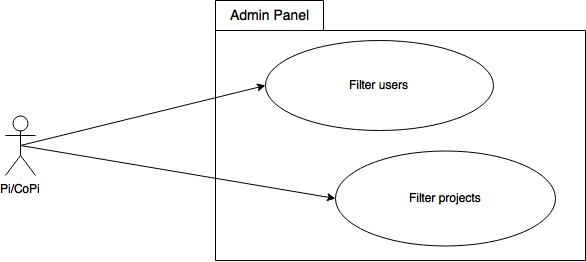
* Name: Admin filters users in users panel
* Actor: Pi/CoPi
* Preconditions:
* Admin must be logged in with administrative rights
* Admin must be at the admin panel page - users maintenance tab
* Description:

1. Pi/CoPi either selects at least one filter from the user panel selection boxes or enters a value to at least one of the filter input boxes
2. Pi/CoPi will see the users list updated to show users filtered by the criteria selected by Pi/CoPi

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

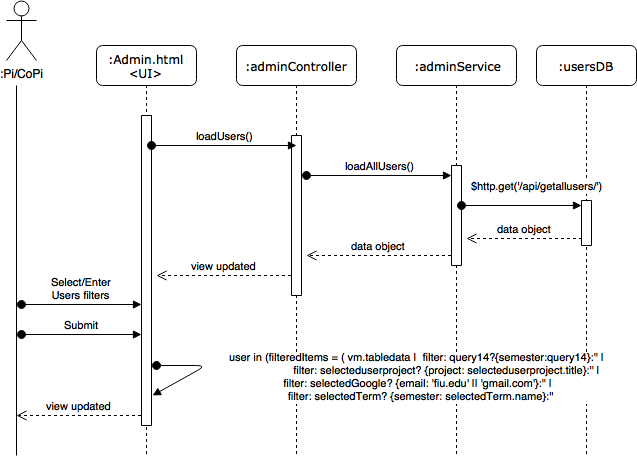
1. Pi/CoPi either selects at least one filter from the project panel selection boxes or enters a value to at least one of the filter input boxes
2. Pi/CoPi will see the projects list updated to show projects filtered by the criteria selected by Pi/CoPi

**Use Case Diagram**

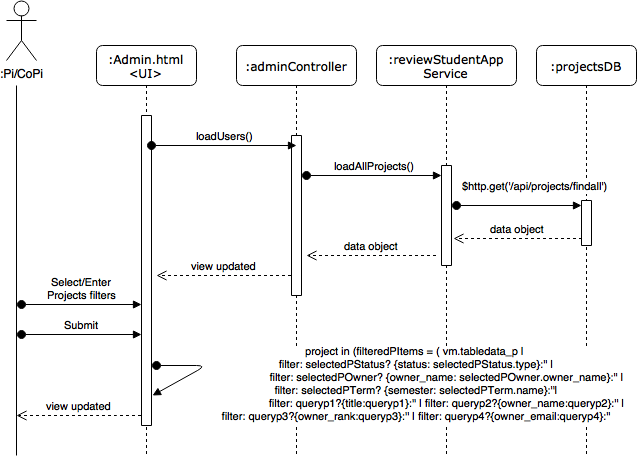
[](https://www.draw.io/#G1jRV-pNfx8VNRzkqHarVLM7P4vkHDCqkv)

**Sequence Diagrams**

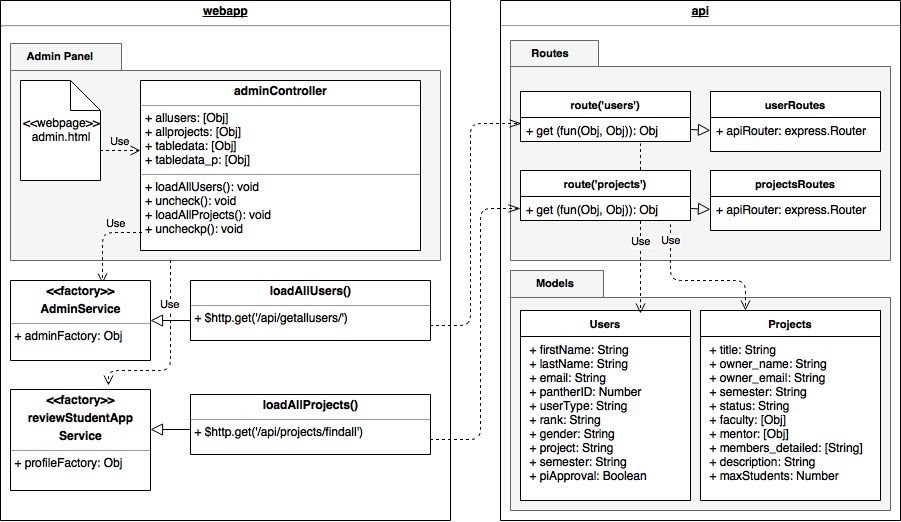
Filtering Users

[](https://www.draw.io/#G1vygeAp5w2BFCX9ceoa3bKcXrzXQa0Z8r)

Filtering projects

[](https://www.draw.io/#G1Vzj0lN-Z5MN8lrXeHFS7UX9tnuijTj9B)

**Class Diagram**

[****](https://www.draw.io/#G1MF3Nzt9VoVCd4coUzzbeCj7daQWpLBxW)

**Unit Tests**

* Test case ID: VIP-1176-U1
* Description: Admin filters users
* Summary of Test:

1. Tester selects project ‘Test Project’ in projects selection box
2. Tester enters test data into First Name filter input box
3. Vip.fiu.edu responds by filtering the Users

* Test Data:
* Input Data: Test
* 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. Users ‘Test User’, ‘Test User2’, ‘New User’ are in the database
4. Project ‘Test Project’ is in the database
5. User ‘Test User’ and ‘New User’ is in project ‘Test Project’

* Expected Results:

1. Only User ‘Test User’ will be shown

* Actual Result:

1. Only User ‘Test User’ was shown

* Status (Fail/Pass): PASS
* Test case ID: VIP-1176-U2
* Description: Admin filters projects
* Summary of Test:

1. Tester selects semester ‘Fall 2017’ from semester selection box
2. Tester enters test data into Title filter input box
3. Vip.fiu.edu responds by filtering the projects

* Test Data
* Input Data: Test
* Pre-Conditions:

1. Admin with Pi/CoPi privileges has logged into the VIP website
2. Admin is at the admin panel page - projects maintenance tab
3. Projects ‘Test Project 1’, ‘Test Project 2’, ‘New Project’ is present in the Projects Database
4. Semesters ‘Fall 2017’, ‘Summer 2017’ is present in the Courses Database
5. Project ‘Test Project 1’ semester is set to ‘Summer 2017’; ‘Test Project 2’, ‘New Project’ semester is set to ‘Fall 2017’

* Expected Results:

1. Only Project ‘Test Project 2’ will be shown

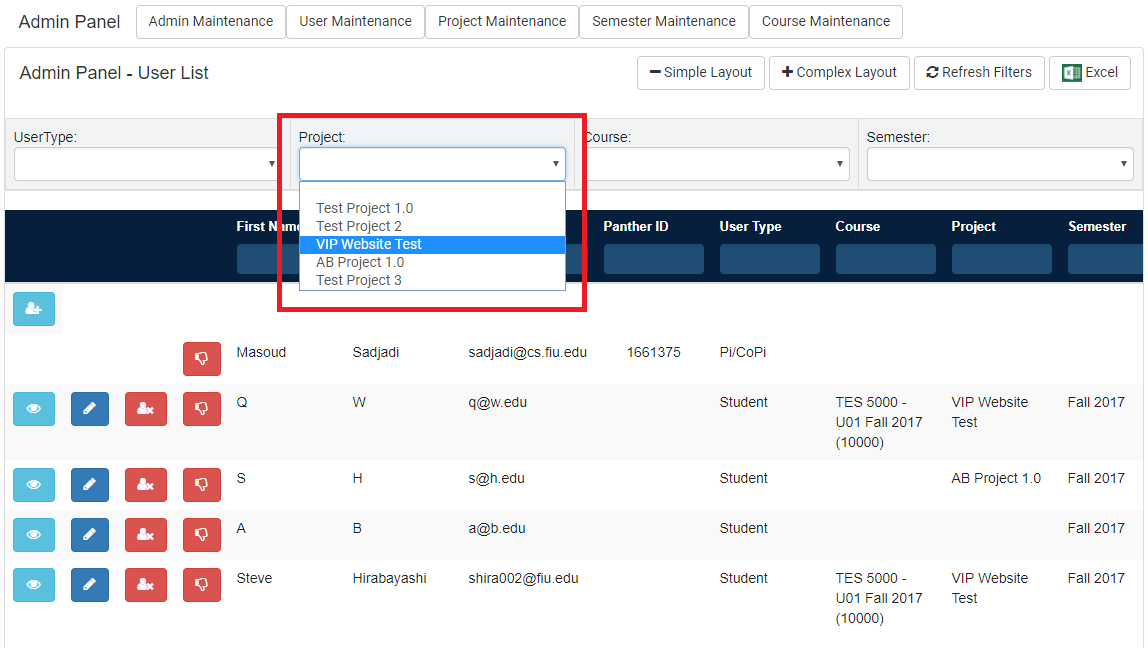
* Actual Result:

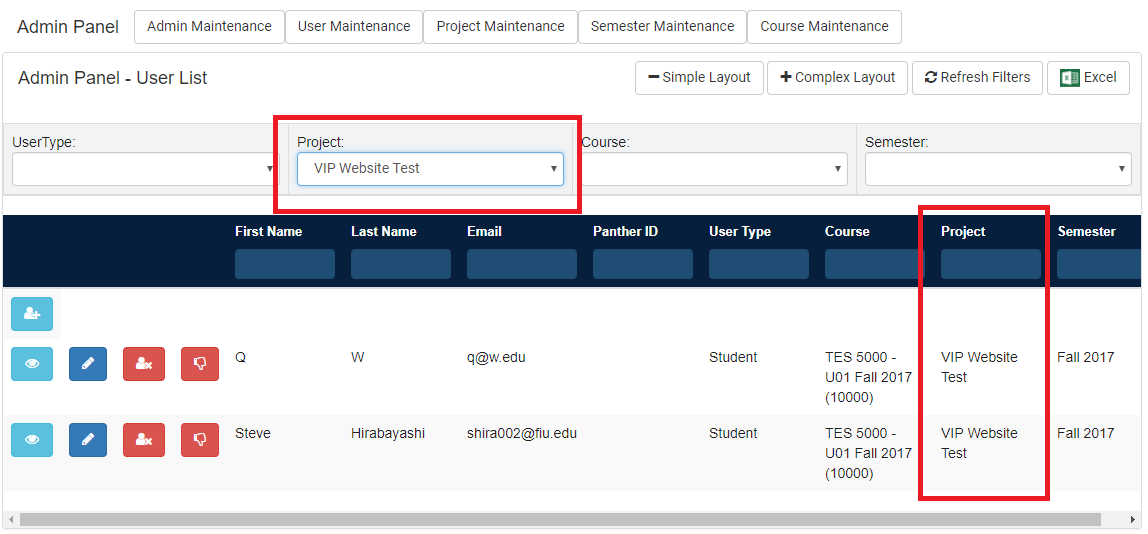
1. Only Project ‘Test Project 2’ was shown

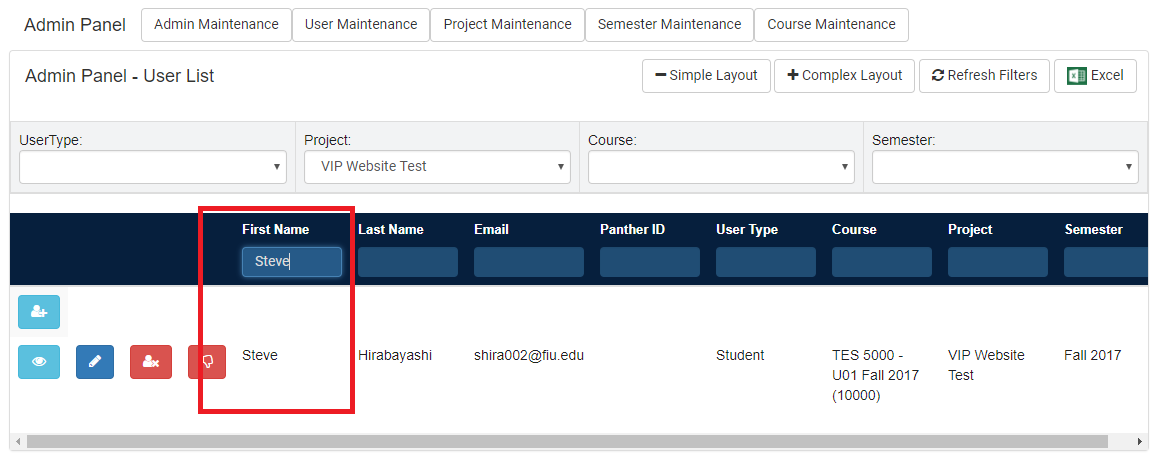
* Status (Fail/Pass): PASS

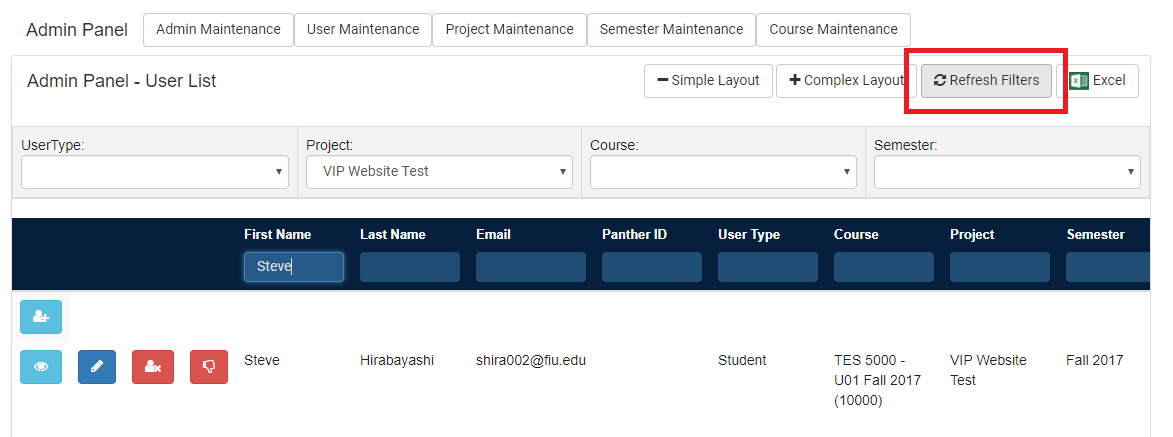
**Visual User Guide**

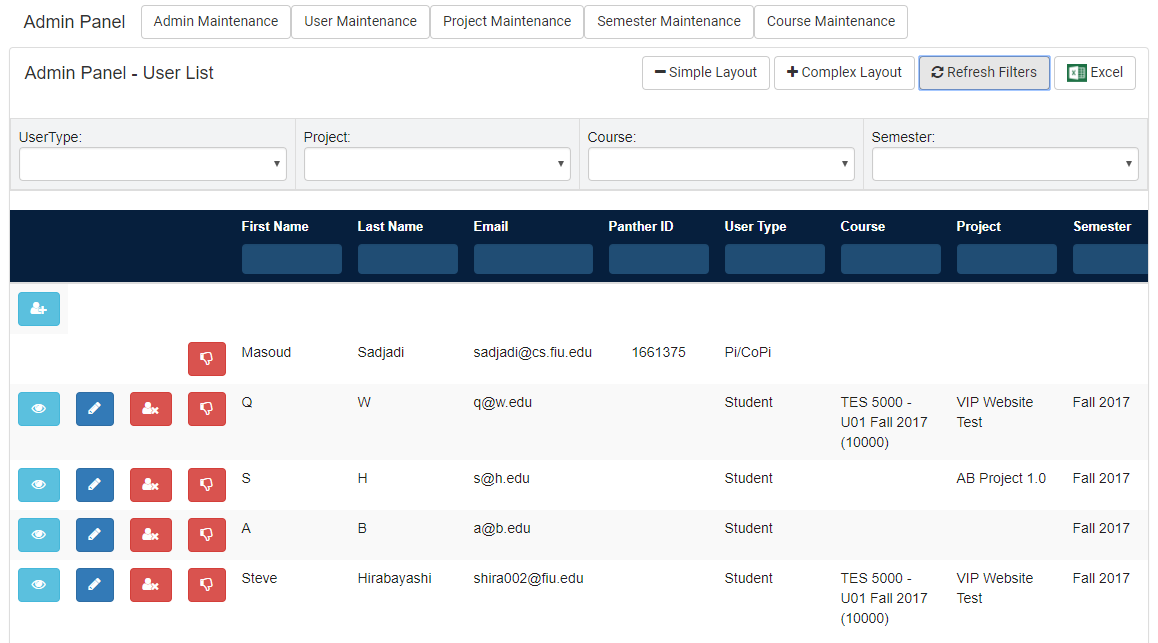
Filtering Users

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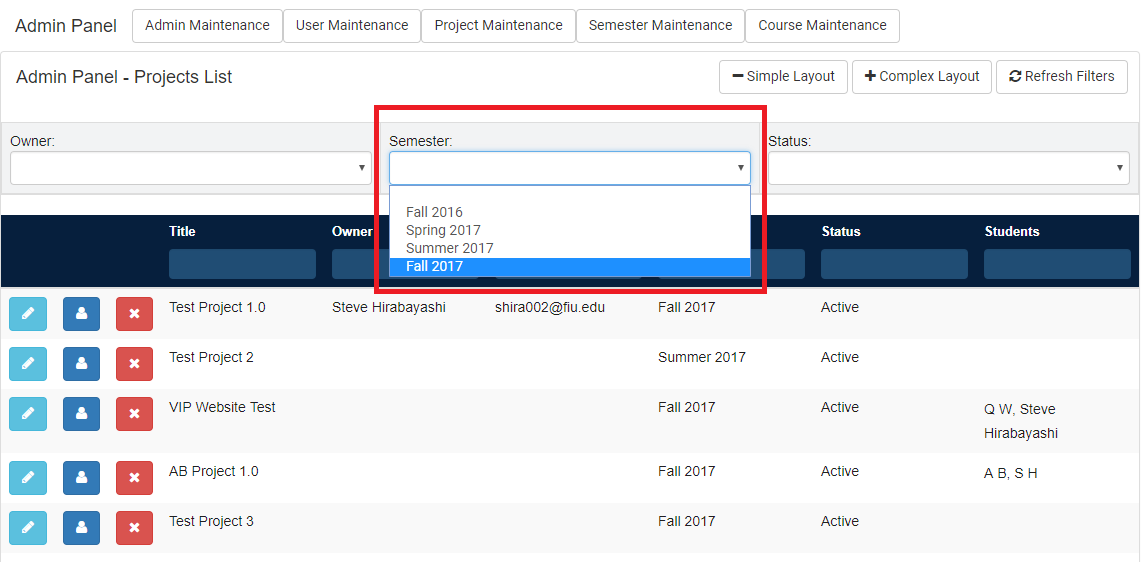
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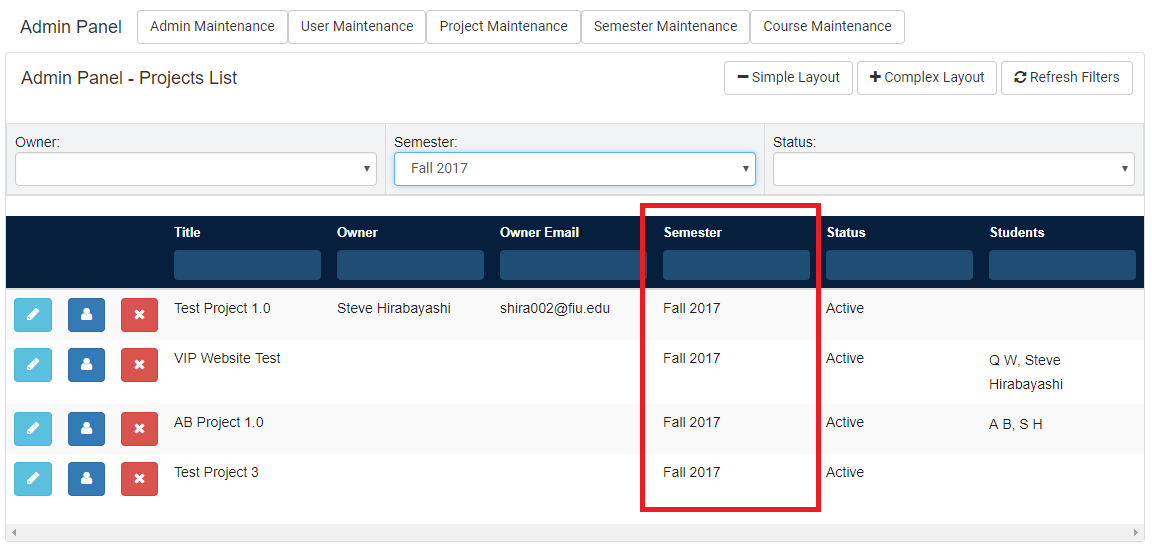
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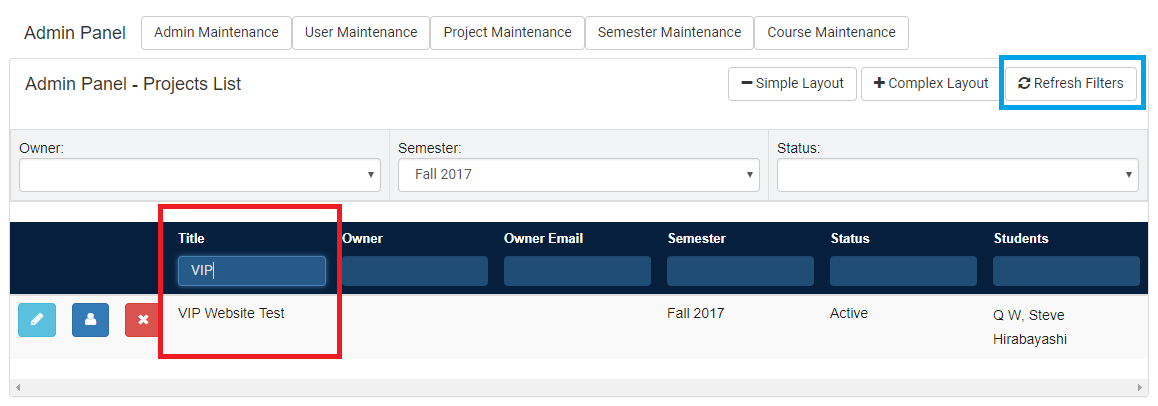
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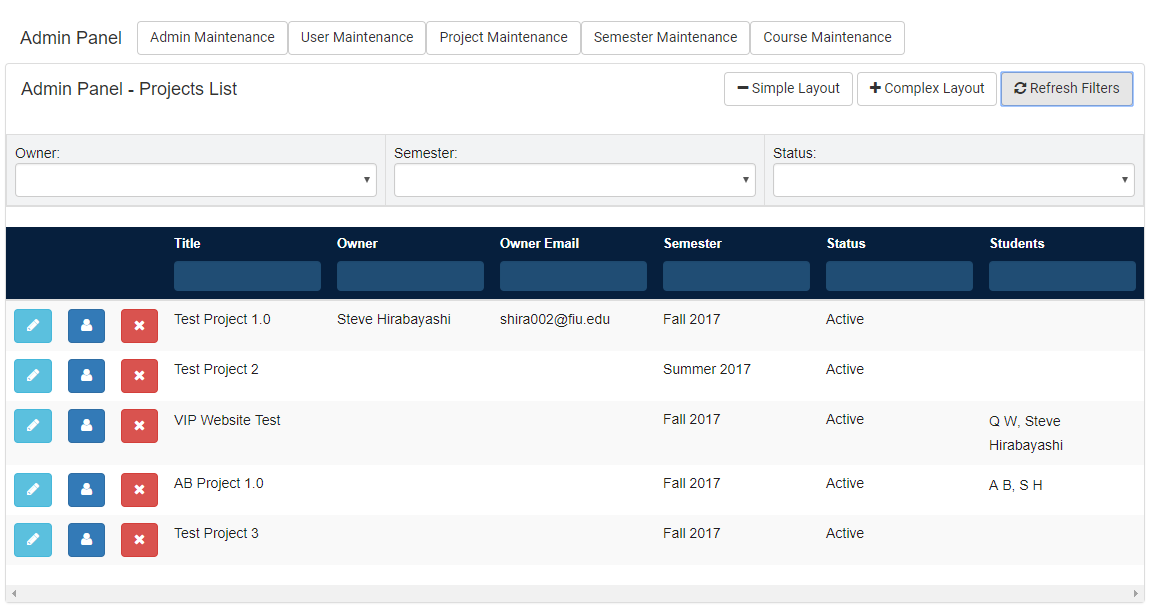
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Filtering Projects

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