*Florida International University*

*School of Computing and Information Sciences*

CEN 5011 - Advanced Software Engineering.

Feature Document

User Story #849

Using VIP Team Filter

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# **User Story – Using VIP Team Filter**

* As a developer, I would like to have filter options that would sort the projects in ascending and descending order.

**Use Case**

**Use Case ID:** (VIP-849)

**Details:** Using VIP team Filter Proposed Filter

**Actor:** Developer

**Pre-conditions:**

1. Developer has navigated to the VIP website.
2. Developer is browsing the VIP website as a admin User and trying to sort the projects based on the ascending to descending order
3. Developer should see the projects in their respective order.
4. After that the developed would select the project that they like and have it join it.

**Description:**

1. Use case begins when the Developer navigates to the “VIP website” (http://vip.fiu.edu/#/login).
2. The user can sign or else normally can browse the website for the projects to apply for.
3. When the user selects the filter by option, he should get the drop down with the options and should have the options (A-Z) or (Z-A).
4. The user would select according to his/her preference.
5. They need to fill a form and submit to get enrolled in that project.

**Post-conditions:**

1. Users should be able to filter the projects when they select the filter by option.
2. They should be able to select them and register in them as well.

**Alternative Courses of Action:**

N/A

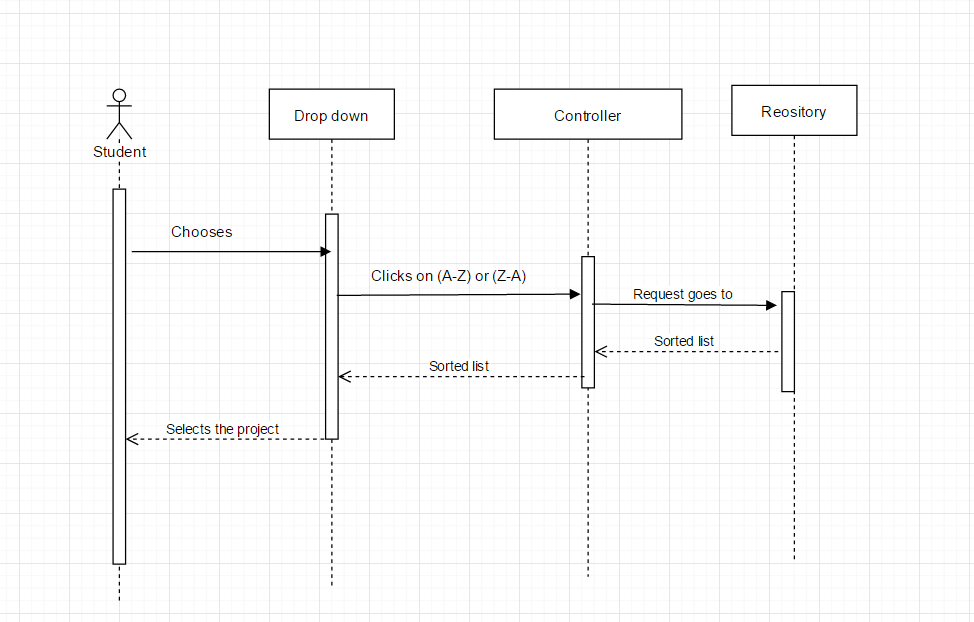
**Exceptions:**

N/A

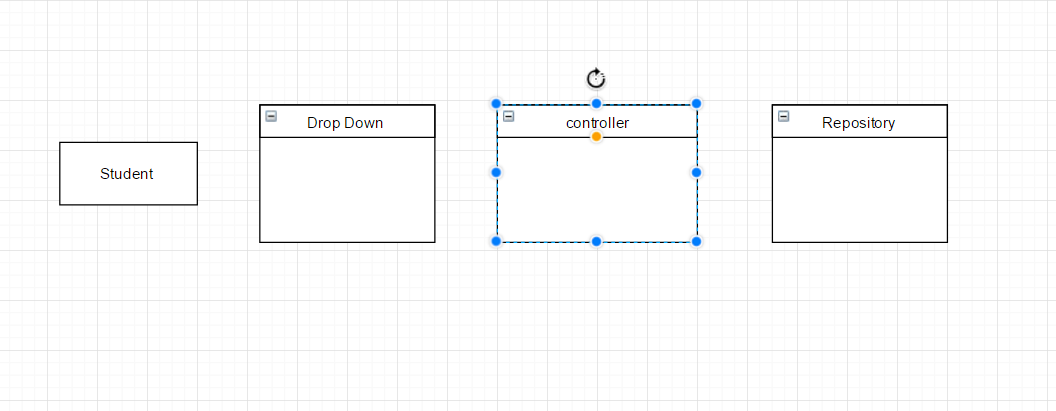
**Use Case Diagram**



**Sequence Diagram**



**Class Diagram**



**Unit & Integration Tests:**

**Test Case 1 (Sunny Day)**

**Purpose:**

* When student/teacher browse through the website and wish to know which are the recent projects and oldest projects.
* As admin or a teacher, I would to like to know the oldest projects so that I might make modifications or else delete them. So sorting the projects by proposed date is helpful.

**Precondition**

* Developer clicks on the filter option and selects the option proposed date.

**Input**

* Developer selects the either proposed date ascending that would be oldest to new or descending new to old

**Expected Result**

* User gets the projects sorted in the format of either old to new or new to old.

**Actual Result**

* Same as expected.

**Test Case 2 (Sunny Day)**

**ID: VIP-SD-717-02**

**Purpose**

* We do add multiple projects on the same day. In such scenarios the time has to be considered for sorting the projects.

**Precondition**

* Developer would have to make sure that the sorting is happening respectively.

**Input**

* Developer clicks on the same field again..

**Expected Result**

* Developer should be getting the projects sorted similar to the initial test case.

**Actual Result**

* Same as expected.

## **Visual User Guide**

Developer could be either the student or a professor who would like to sort and know the projects.

