*Florida International University*

*School of Computing and Information Sciences*

CIS 4911 - Senior Capstone Project

Software Engineering Focus

Feature Document

User Story #1030

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**User Story** **Update project descriptions page**

* As a faculty I would like to be able to see my students working on their respective projects and to be able to message them when I have a quick message to be sent.

**Acceptance Criteria**

* Students and faculty should be visible on the projects they’re working on
* Faculty should be able to message the students working on the projects
* External member/PI/Faculty should see “join” instead of “apply” and be able to join without permission
* Students in the project should see “leave” button and be able to leave project
* HTML tags should no longer show on description
* A project without an image should default to first letter of its name

**Use Case**

1. **As a Faculty I would like to be able to join projects to participate in them without PI approval and to edit projects**   
   Participating Actors: Faculty  
     
   Entry Condition: Faculty has verified account and accesses a team page  
     
   Events Flow:
2. Faculty see’s “join” button
3. Faculty clicks join button
4. Faculty submits form to join project
5. Use case ends when faculty is now apart of the project
6. **As a student I would like to be able to leave a project**   
   Participating Actors: Student  
     
   Entry Condition: Student is currently a part of a project  
     
   Events Flow:
7. Student visits his projects page
8. Student clicks “leave” project button
9. Student confirms he wants to leave the project
10. Use case ends when the student is redirected and notified they have left the project

**Use Case Diagram**

N/A visual update to a pre-existing page

**Sequence Diagram**

N/A visual update to a pre-existing page

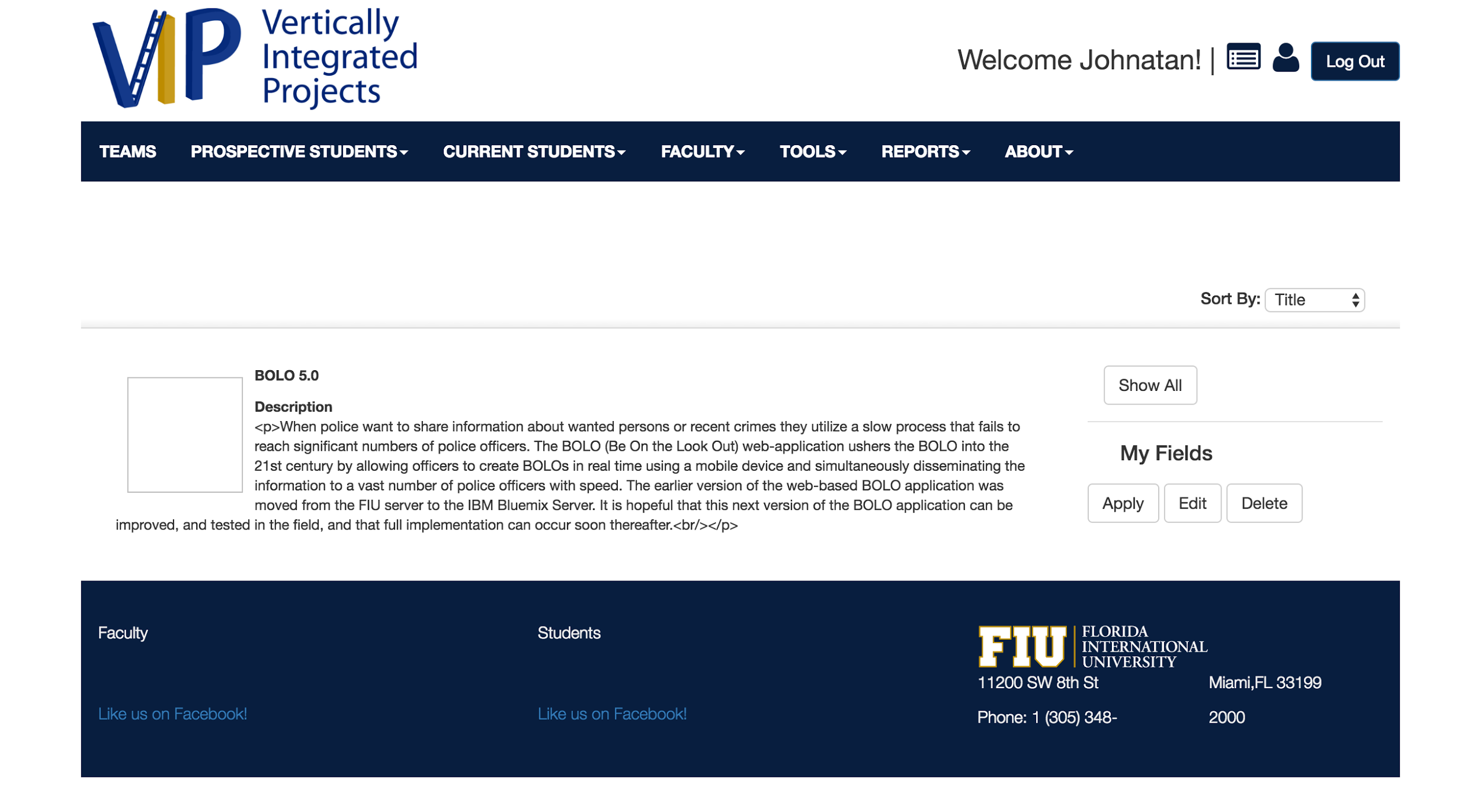
**Class Diagram**

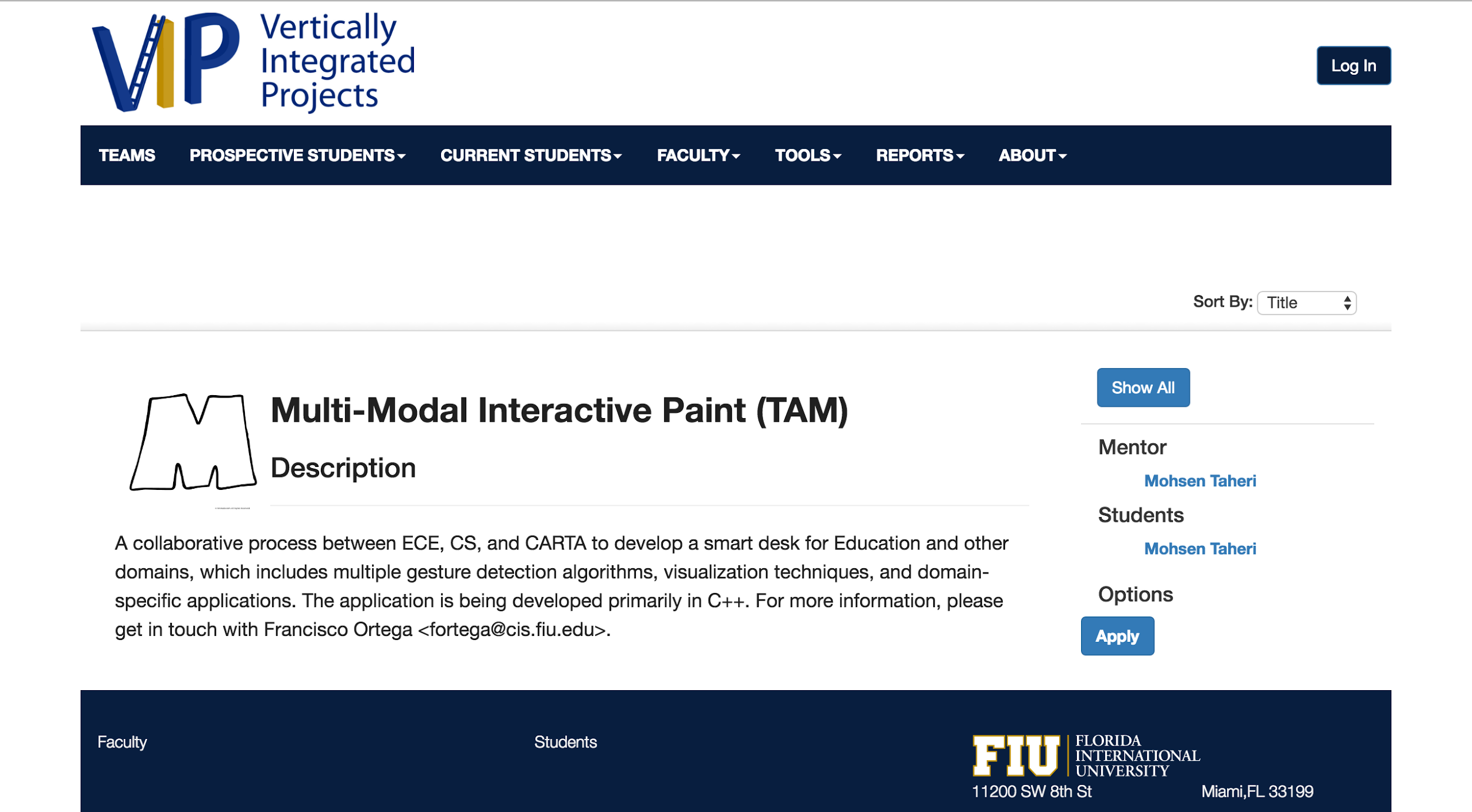
N/A visual update to a pre-existing page

**Unit & Integration Tests**

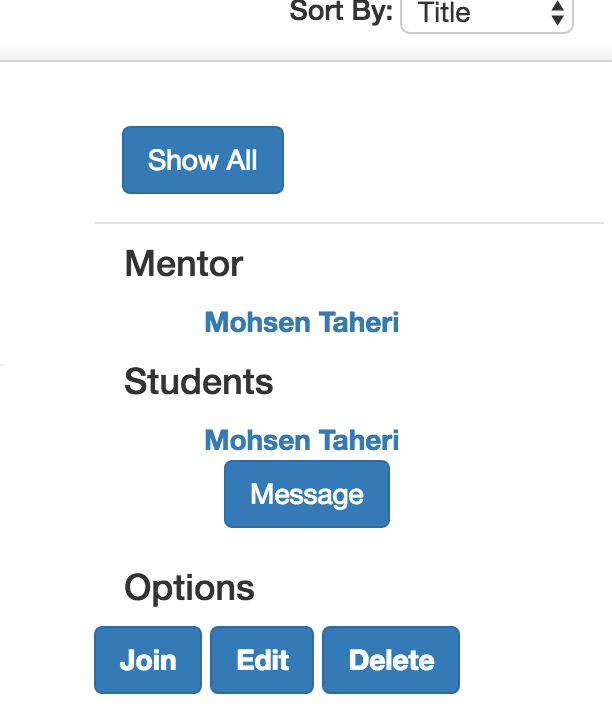
* **Test Case 1**
  + **Purpose:** Test that messaging buttons are seen by authorized users only
  + **Precondition:** Buttons are already implemented
  + **Expected Result:** Faculties can message all users from project page. Faculty can message any student but not other faculty on project page. Students should see no message buttons to any other users.
  + **Actual Result:** As expected
  + **Status: PASSED**
* **Test Case 2**
  + **Purpose:** Test that the buttons are dynamic
  + **Precondition:** Any user or guest accesses the teams description page
  + **Expected Result:** Students/guests that aren’t applied to a project should see “apply”. Guests are redirected to login if clicking on “apply”. Students should see “leave” if they access their projects page. Faculty and other higher authorized accounts should see “Join”, “Edit” and “Delete” when visiting the teams page.
  + **Actual Result:** As expected
  + **Status: PASSED**
* **Test Case 3**
  + **Purpose:** Test that students and mentors are visible if they’re working on that project
  + **Precondition:** Some project already has been created and has students join
  + **Expected Result:** When accessing the active projects page you should see all active students and mentor/faculty
  + **Actual Result:** As expected
  + **Status: PASSED**

**Visual User Guide**





The font is bigger and HTML tags no longer show on the page and title and description centered and structured. You can see teams that don’t upload an image now have a default one based on first letter of the project's name. Mentors and students are visible and guests/student now see an apply button and no longer see the edit/delete. Students and mentors are now also hyperlinked to their profile pages and students can leave a project



As faculty you can edit/delete projects with proper authorization. You can also see a message button for students but not for faculty/mentors. PI/CoPI will be able to message other faculties however