*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID #656

**Name:** Mario Fidalgo

**Team Member(s):** Kyle Ryan

**Project:** Mobile Judge 9.0

**Product Owner(s)**: Masoud Sadjadi

**Mentor(s)**: Masoud Sadjadi

**Instructor**: Masoud Sadjadi

**User Story Name: Add Approve and Reject Buttons**

**Description**

As an admin, I would like to be able to approve or reject the grades given to the students by the judges so that I can give the student the final grade for their showcase.

**Acceptance Criteria**

* I should be able to select all or select only the ones I desire.
* The buttons should flow with the design of the rest of the system.
* I should be able to view the grades given by each judge and for all judges.
* I should be able to change the status to accepted/rejected/pending.

**Use Case**

* Name: Approve or Reject a Grade
* Actor: Admin
* Preconditions: User must be logged in as an admin and in the grade view.
* Description <Flow of events>:

1. User clicks the “Traffic light” icon

2. System prompts user if they want to accept all, pend all, reject-all, or cancel.

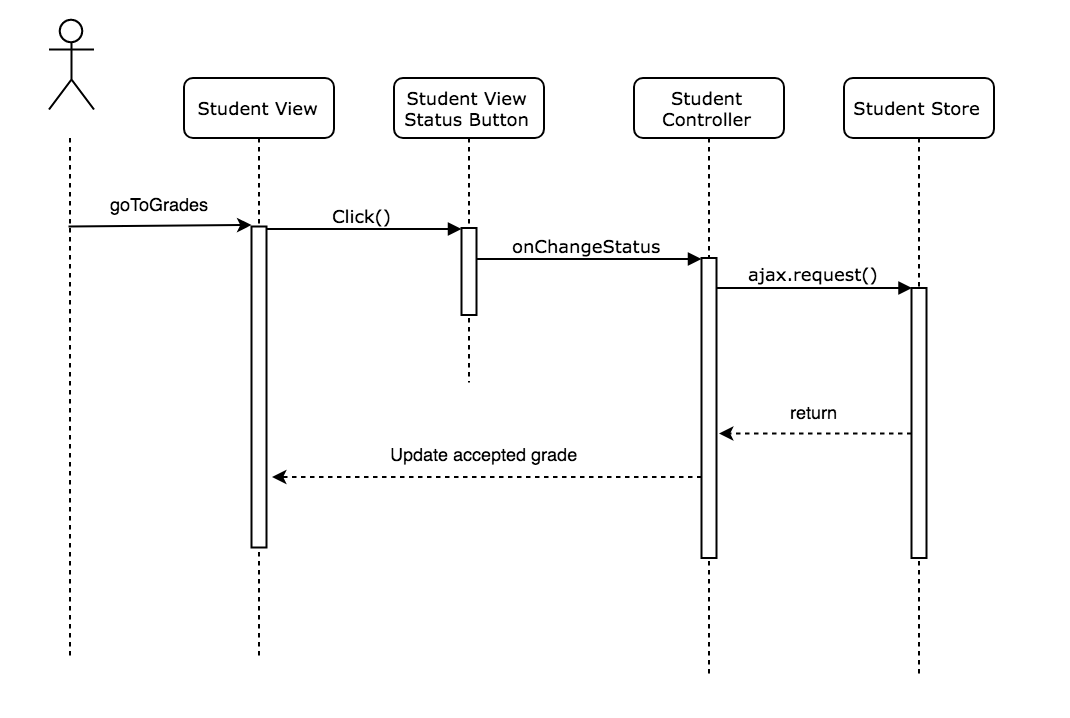
3. User selects choice

4. System marks all selected as given choice and changes the visual cue.

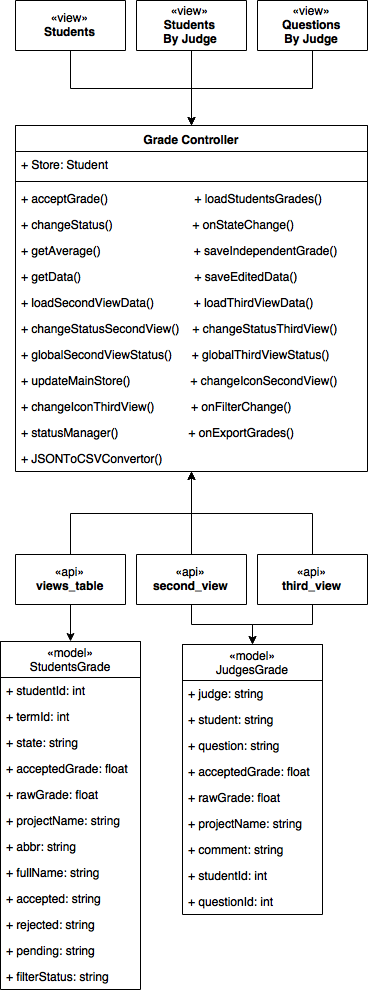
**Use Case Diagram**



**Sequence Diagram**



**Class Diagram**



**Unit Test & Integration Test**

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| **Test case ID:** MJ-656-01  **Description/Summary of Test:** Change a single student’s grade to accepted  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks traffic light to make it green on a student record   **Expected Results:** Student’s accepted grade gets calculated correctly from judge’s grades  **Actual Result:** Student’s accepted grade got calculated correctly from judge’s grades  **Status (Fail/Pass):** Pass |

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| **Test case ID:** MJ-656-02  **Description/Summary of Test:** Change a single student’s grade to pending  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks traffic light to make it yellow on a student record   **Expected Results:** Student’s accepted grade become zero  **Actual Result:** Student’s accepted grade became zero  **Status (Fail/Pass):** Pass |

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| **Test case ID:** MJ-656-03  **Description/Summary of Test:** Change a single student’s grade to rejected  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks traffic light to make it red on a student record   **Expected Results:** Student’s accepted grade become zero  **Actual Result:** Student’s accepted grade became zero  **Status (Fail/Pass):** Pass |

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| **Test case ID:** MJ-656-04  **Description/Summary of Test:** Change all student’s grade to accepted  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks global traffic light and selects accept-all   **Expected Results:** Every student’s grade gets correctly calculated from judge’s grades  **Actual Result:** Every student’s grade got correctly calculated from judge’s grades  **Status (Fail/Pass):** Pass |

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| **Test case ID:** MJ-656-05  **Description/Summary of Test:** Change all student’s grade to pending  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks global traffic light and selects pend-all   **Expected Results:** Student’s accepted grade become zero  **Actual Result:** Student’s accepted grade became zero  **Status (Fail/Pass):** Pass |

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| **Test case ID:** MJ-656-06  **Description/Summary of Test:** Change all student’s grade to rejected  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks global traffic light and selects reject-all   **Expected Results:** Every student’s accepted grade becomes zero  **Actual Result:** Every student’s accepted grade became zero  **Status (Fail/Pass):** Pass |

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| **Test case ID:** MJ-656-07  **Description/Summary of Test:** Cancel mass student grade status change  **Precondition:**   * Admin is currently logged into Mobile Judge account * Currently on the grades side tab * Viewing the students gridview * Clicks global traffic light and selects cancel   **Expected Results:** No change occurs to any student’s grade status  **Actual Result:** No change occurred to any student’s grade status  **Status (Fail/Pass):** Pass |