*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID #662

**Name:** Kyle Ryan

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**Project:** Mobile Judge 9.0

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

**Mentor(s)**: Masoud Sadjadi

**Instructor**: Masoud Sadjadi

**User Story Name:** Add Visual Cue for Filter Buttons

* Description: As an admin, I would like to see a visual cue when filtering, so that I can easily see if all filters are applied, some applied, or none are applied.

Acceptance Criteria

* When I click on the checkbox, I should see a check mark.
* If the check box was selected and only some of the filters are applied, I should see a minus symbol.
* If all the filters are off the checkbox should be empty.

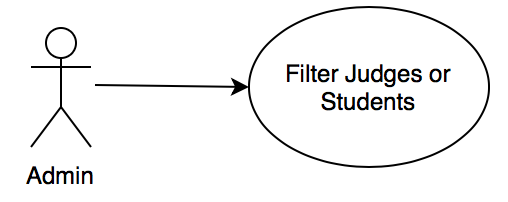
**Use Case**

* Name: Filter Students or Judges
* Actor: Admin
* Preconditions: User must be logged in as an admin and in the people’s view.
* Description <Flow of events>:

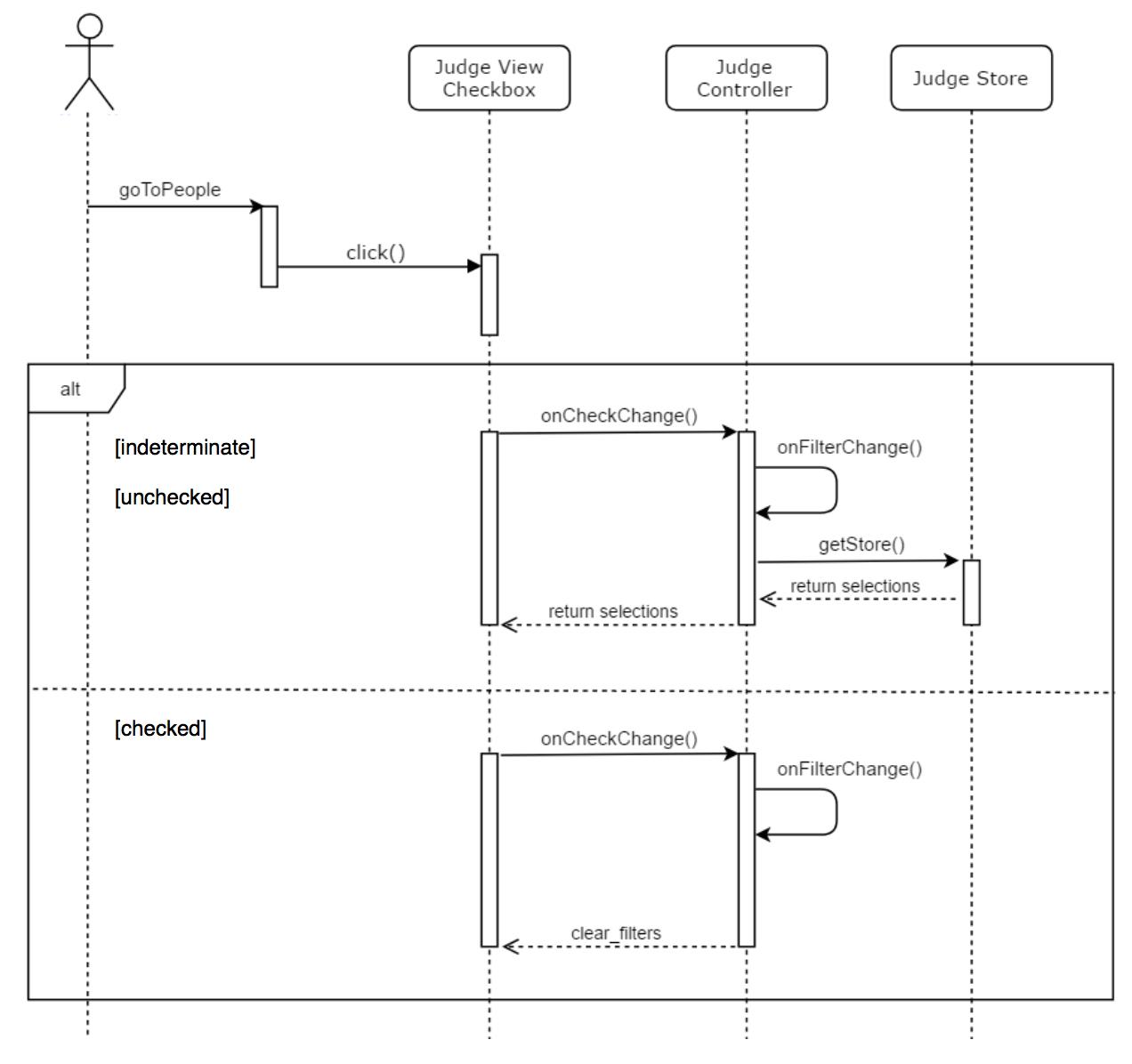
1. User selects checkbox or a button(s) from the button group.

2. System filters the view to display desired selections. System changes the checkbox visual cue to [-] if some of the buttons are selected, [ ] empty if none are selected, or [✓] if all are selected.

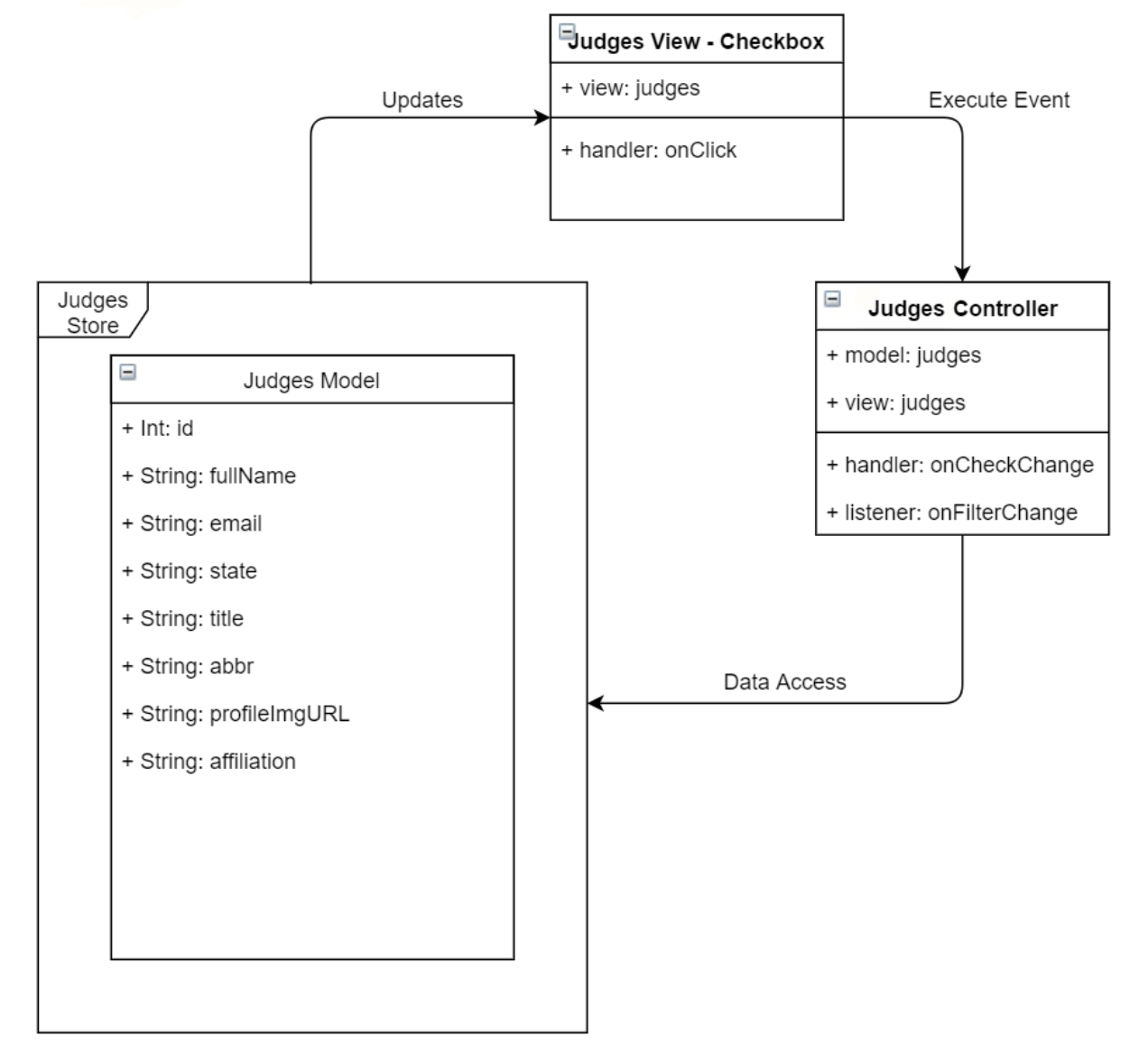
**Use Case Diagram**



**Sequence Diagram** (Judges Example Shown)



**Class Diagram** (Judges Example Shown)



**Unit Test &** **Integration Test**

**Test case ID**: MJ-662-01

**Description/Summary of Test**: Visual checkbox cue while filtering

**Precondition**: Admin is logged in and currently viewing the student’s tab in the people side tab and checks the checkbox and deselects a filter button.

**Expected Results:** If some filter buttons are selected, a minus symbol should appear in the checkbox.

**Actual Result:** When some filter buttons were selected, a minus symbol was in the checkbox

**Status (Fail/Pass):** Pass

**Test case ID**: MJ-662-02

**Description/Summary of Test**: Visual checkbox cue while filtering

**Precondition**: Admin is logged in and currently viewing the student’s tab in the people side tab and all filter buttons are selected.

**Expected Results:** If all filter buttons are selected, a check symbol should appear in the checkbox.

**Actual Result:** When all filter buttons were selected, a check symbol was in the checkbox

**Status (Fail/Pass):** Pass

**Test case ID**: MJ-662-03

**Description/Summary of Test**: Visual checkbox cue while filtering

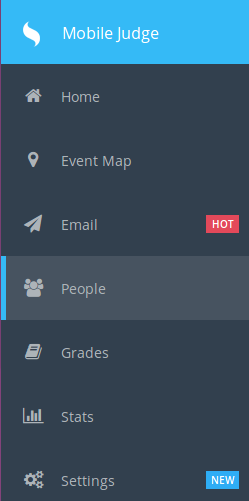
**Precondition**: Admin is logged in and currently viewing the student’s tab in the people side tab and none of the filter buttons are selected.

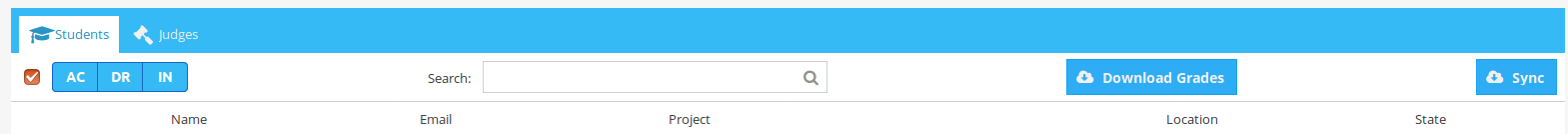
**Expected Results:** If none of the filter buttons are selected, the checkbox should be empty.

**Actual Result:** When none of the filter buttons were selected, the checkbox was empty.

**Status (Fail/Pass):** Pass

**Visual User Guide**

 First go to the People tab on the left side of the screen.



Then in the students tab and in the judges tab the filter buttons can be seen on the left.

