

Mobile Judge 11.0: Attend / Select

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Problem

- The Senior Project Showcase is the event where students present the work they have done through out the semester. Professors, doctors, alumni, and experts from the field, are invited to attend to the event. Participants are invited to the event as judges. However, some of them want to assist, but do not want to judge any students. They just want to participate to the showcase as attendees. Moreover, when judges register, they do not have the option to select the amount of students and the courses they want to judge.

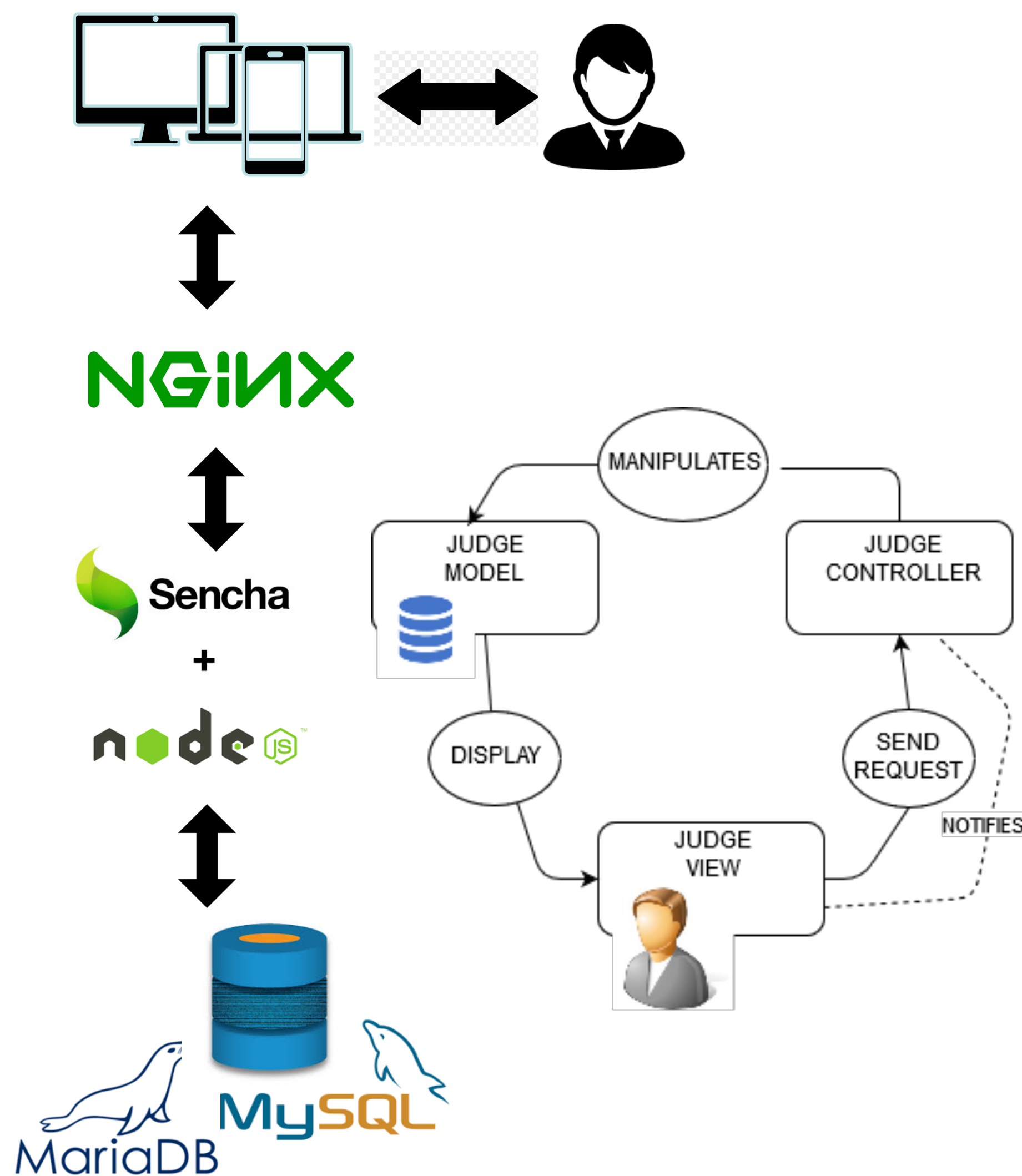
Current System

- Allows students to: view their grades after judges submit them as well as the location map.
- Allows judges to: register at the entrance of the event, view location map, and grade students and leave feedback.
- Allows admin to: send emails, see statistics, change settings, approve/pend/deny grades, see both students and judges views.

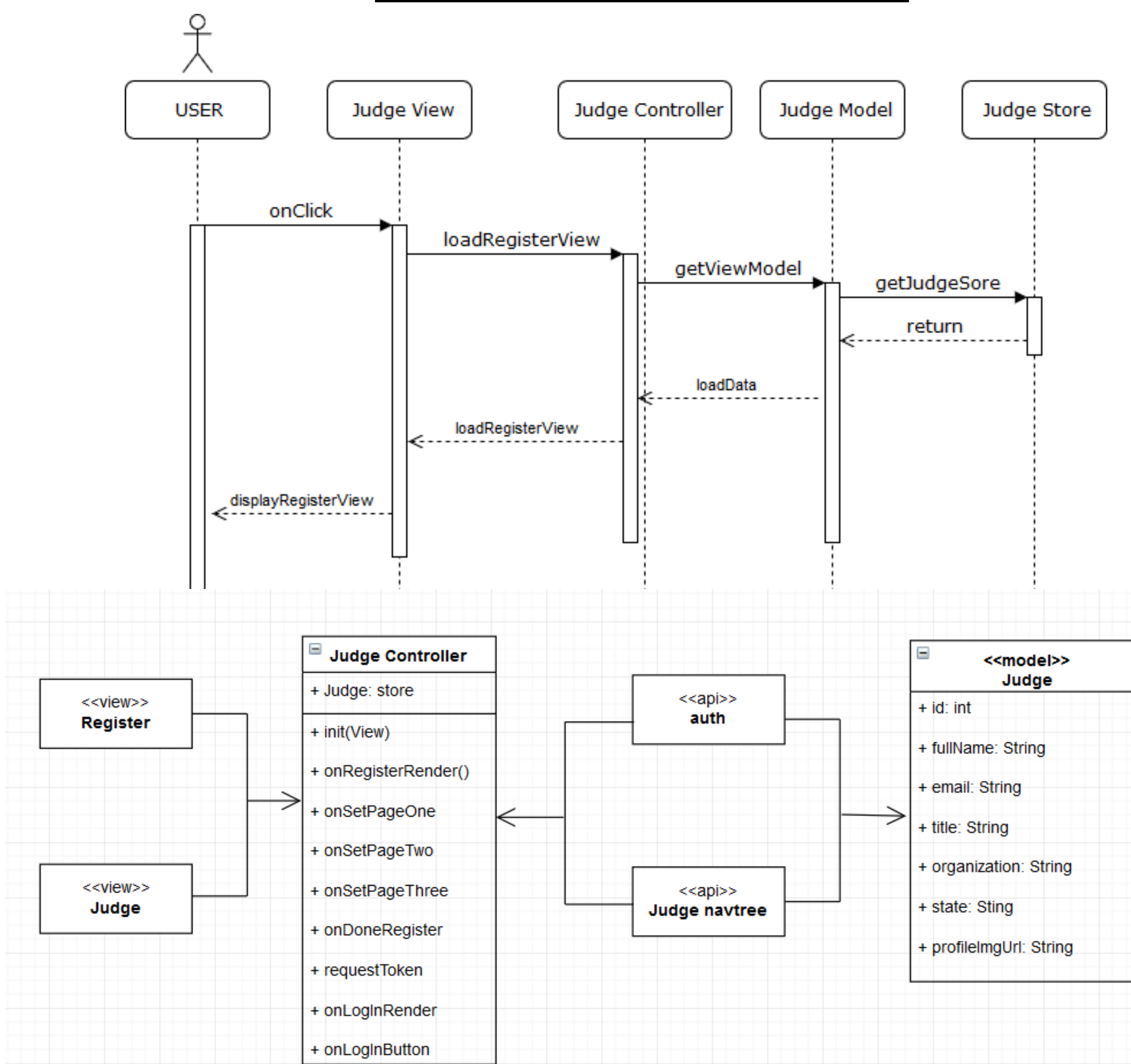
Requirements

- Admin has to send invitation email to the prospective judge.
- Unregistered judge has to accept invitation clicking on the "Attendee" link of the invitation email.
- Unregistered judge needs to have access to the user and password in order to be able to continue with the registration process.
- Unregistered judge has to be able to log in and see his/her name on the pending list.

System Design



Object Design



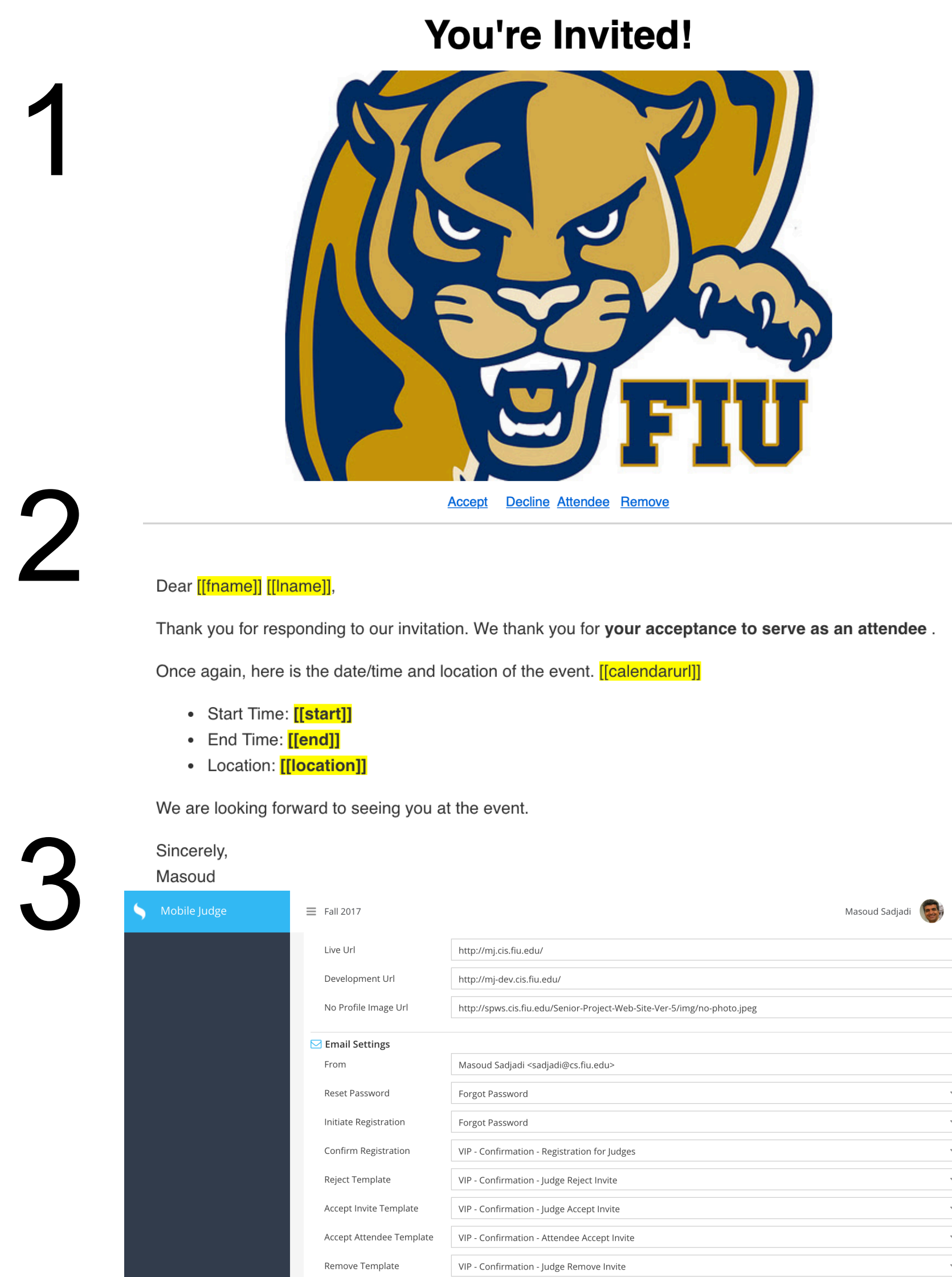
Implementation

- **Sencha ExtJs**: used for Cross Browser Support, Mobile Support, View Rendering.
- **NodeJS**: handled Routes and Requests
- **Oauth**: for Third Party Authorization
- **Nginx**: was the Server to run NodeJS and OAuth
- **MySQL/MariaDB/phpmyadmin**: used for database.
- **PM2**: utilized as a production process manager for the Node.js applications
- **Visual Studio**: used for code implementation

Verification

- **Test case ID**: 39-1
- **Description/Summary of Test**: Accept invitation as attendee.
- **Pre-condition**: Administrator has to send an invitation email to prospective user.
- **Expected Results**: Prospective attendee is redirected to a confirmation page message.
- **Actual Result**: Prospective attendee is redirected to a (attendee not exist) message.
- **Status (Fail/Pass)**: Fail

Screenshots



Summary

- Mobile Judge has been the main tool for students, judges, and administrator on the VIP showcase. In its 11 version, I focused on adding an attendee placeholder on the invitation email template in order for prospective judges to have the option to participate in the VIP event as attendees. In addition, I worked on providing the judges the option to select the amount of students and the courses they want to judge. This was a challenge due to new technology.

Acknowledgement

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