SE 492 - Report 06
Decision Support in Racket Games
Status Report 6

4/3/2020 - 4/16/2020
Group Number: SDMay20-44
Project Title: Decision Support in Racket Games
Client: Simanta Mitra
Faculty Advisor: Simanta Mitra

Team Members

Benjamin Kramer
Brian Guidarini
Katelyn Sinn
John Rachid
Christion Barnes
Aiden McMinimy

Biweekly Summary

Accomplishments

- Ben
  - Finished most of the auto-deployment and auto-building for the GitLab repository.
  - Fixed an issue where retrieving videos only pointed to videos called input.mp4.
  - Investigated new ways of navigating through an uploaded video.
- Brian
  - Finished setting up the SQL database
  - Created an endpoint that returns all data for a given job.
  - Created an endpoint that returns all jobs for a given user
  - Shifted the get-job-status endpoint to rely on the database rather than the jobs that are stored in the server's memory.
- John
  - Identified bugs within our time splice endpoint which stopped the front end from receiving valid json.
  - QA testing and polish
- Aiden
  - Compressed the test video for easier testing
  - Connected Recommended View with fake time splice data
- Katie

- ○ Consumed endpoint for getting all jobs for given user, render them on load
  - ○ Started work on making sidebar with all jobs prettier
- ● CB
  - ○ Developed login component using ReactJS
  - ○ Developed Register component using ReactJS

Pending Issues
- ● Video seeking still isn't working
- ● The get-job-status endpoint returns "Failed" when the job is actually in the processing state
- ● The JSON format of get-splices is still messed up

Time

Team Member	Bi-Weekly Hours	Total Hours
Benjamin Kramer	14	88
Katelyn Sinn	15	75
Brian Guidarini	16	101
Christion Barnes	15	85
John Rachid	14	81
Aiden McMinimy	14	72

Upcoming Tasks

- ● Ben
  - ○ Test videos of smaller sizes to narrow down causes of the video seeking problem.
  - ○ Fix the video seeking problem once the cause of the issue is identified.
  - ○ Finish auto-deployment and auto-building for our GitLab repo.
- ● Katie
  - ○ Finish making the slider bar prettier
  - ○ Continue to test with backend for the time splices
  - ○ Error handling
- ● John
  - ○ Finish working with front end to ensure they receive the correct data
  - ○ Help team with bug fixes
  - ○ Apply polish for final product
- ● Brian
  - ○ Fix the JSON formatting of get-splices

- - ○ Fix the inaccurate failure messages from get-job-status
    - ○ Help out with fixing the video seek problem
  - ● Aiden
    - ○ Connect Recommended View with time splice data
    - ○ Add Recommended Player Position to Recommended View
  - ● CB
    - ○ Integrate backend/database connection with the login components
    - ○ Develop a consistent theme using CSS to make app look more modern/professional

Advisor Meeting Summary

We discussed what needs to be done in order to finish up the project. This includes getting basic suggestions working on the React application, being able to skip around videos, and fixing some bugs in our code.