Zhi Shen Yong, Andrew Sun, William Leung, Shane Blair

CSE 437S

Group 7

Paragraph Summary:

This week we focused on preparing for our first Project Increment. With this we plan to showcase our simple matching process by being able to calculate a match based on inputted user rankings.

**Major Activities:**

1. Prepare Python scripts to be called from JS:
   1. Objective: Functional matching scripts on back end
   2. Deliverable: Callable back end scripts to provide matching function
   3. Progress: Scripts are integrated and wired up for function
   4. Time Remaining: None
   5. Next Steps: Test scripts completely
   6. Remaining Obstacles: N/A
2. Modularize front end functions and clickables
   1. Objective: Further modularization of front end tasks
   2. Deliverable: Front end portion where components are modularized
   3. Progress: Functionality ready for the first increment
   4. Time Remaining: None
   5. Next Steps: Prepare database to handle front end calls
   6. Remaining Obstacles: N/A
3. Prepare database model structure to be called by back end API
   1. Objective: Prepare modeling data to be sent into the script functions
   2. Deliverable: Functional back end with scripts
   3. Progress: Database ready for initial testing
   4. Time Remaining: None
   5. Next Steps: Run tests on matching process
   6. Remaining Obstacles: N/A
4. Perform initial testing with matching process
   1. Objective: Determine current functionality of increment
   2. Deliverable: Benchmarks for solution performance
   3. Progress: Simple matching tested for the most part
   4. Time Remaining: 1 hour
   5. Next Steps: Further testing and record of what needs refinement for the next stage
   6. Remaining Obstacles: N/A

**Individual Contributions:**

* Zhi worked on further modularizing the page while adding more javascript function to clickables and other processes (3 hours)
* Andrew worked on making our matching scripts callable from JS, while also testing the algorithm functionality (4 hours)
* William completed designs for most key pages and sub-pages and worked on their implementation (4 hours)
* Shane prepped the back end models for increment testing with filled with data to be used to match. (3 hours)