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CSE 437S

Group 7

Paragraph Summary:

**Major Activities:**

1. Setup back end environment:
   1. Objective: Create foundation for back end handling
   2. Deliverable: Foundation for Express server to hook up with MongoDB
   3. Progress: Back end is functional, ready to perform actions via API calls
   4. Time Remaining: None
   5. Next Steps: Wire up Express server to front end to allow for user creation and authentication
   6. Remaining Obstacles: N/A
2. Connect front end to back end for basic user functionality:
   1. Objective: Allow users to be created and logged into
   2. Deliverable: Basic full stack application for user authentication
   3. Progress: API calls functional from the back end, just need to connect them up to the React site
   4. Time Remaining: 1 hour
   5. Next Steps: Prepare database for user type and user permissions
   6. Remaining Obstacles: Connecting front end to back end completely
3. Design and test matching algorithm
   1. Objective: Confirm that our algorithm choice is viable for use
   2. Deliverable: Algorithm tests/cases
   3. Progress: Tested with Python scripts, ready for implementation
   4. Time Remaining: None
   5. Next Steps: Hook up algorithm to back end for user processing after user types have been established
   6. Remaining Obstacles: Wait for further user definition
4. Further front end page design
   1. Objective: Prepare current designs for implementation and review further designs based on pages needed
   2. Deliverable: Designs marked up ready for implementation with the React code
   3. Progress: All designs based on our needs ready for implementation, marked up in HTML and styled in CSS
   4. Time Remaining: None for these page designs
   5. Next Steps: Implement in the React code
   6. Remaining Obstacles: Implementation to the React code
5. React page implementations
   1. Objective: Create functional front end login and candidate pages, prepare for data methods and usage
   2. Deliverable: Functional front end site with styling and ready for data usage
   3. Progress: Login and candidate page ready to go, drag and drop lists for data selection are also functional
   4. Time Remaining: 1.5 hours
   5. Next Steps: Integrate page designs into with React code
   6. Remaining Obstacles: None for this stage

**Individual Contributions:**

* Zhi coded the UI for the login and candidate pages in React, as well as functions for data transfer between React components and drag and drop lists (5 hours)
* Andrew wrote and tested our matching algorithm candidate in Python to determine viability (4 hours)
* William fleshed out our page designs into HTML and CSS and worked with Zhi to integrate those designs with the React code that will supply the data (4 hours)
* Shane investigated MongoDB and created a foundation for a database in the Express server backend to integrate into the front end, as well as worked on our group Storyboard and documentation due this week (4 hours)