COMP4050 Log 2

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Planning and Estimation

- Joshua Vazzoler (my backend team member) and I created a backend branch of our SwapStreet repository for version control of our backend developments. This branch also proved useful for tracking our progress and previous goals by observing our comments of each commit made.
- As the scrum master, I organised meeting agendas prior to our weekly class meetings, as well as a few of our own meetings.
- As the scrum master, I assigned sprints to each group member based on the goals we set during each meeting.
- I liaised with the frontend team (Christopher Purkiss and Katrina David) at regular intervals throughout the course of the week to determine if the backend team needed to make any adjustments, as well as to inform the frontend team of any adjustments that they needed to make.
- Joshua Vazzoler and myself created a plan for our group's presentation; we settled on a week-by-week break down of our accomplishments for both the frontend and backend teams.

Development

- I added mock user data into the MongoDB atlas collection the backend team created. The data fields for this data was meant to represent a user of SwapStreet. The fields are:
    - Name
    - Email
    - Password
    - Address
    - Postcode
    - Balance
    - About
    - Role
    - Mobile phone
    - Skills (I added this field later upon request by the frontend team).
- A 'user' schema was created in our backend based on the above data fields. Joshua Vazzoler and I developed this schema. This schema is used to input data to our collection via the SwapStreet app: https://trello.com/c/vPZdQlex/39-back-end-created-collection-of-users.
- In a similar fashion to 'user', I created mock data for 'jobs'. The data fields for 'jobs' are:
    - Job status
    - Title
    - Price
    - UserID
    - ChosenID
    - Location
    - Postcode

- A 'jobs' schema was created in our backend based on the above data fields. Joshua Vazzoler and I developed this schema. This schema is used to input data to our collection via the SwapStreet app: https://trello.com/c/FwhrNuhR/40-back-end-created-collection-of-jobs.
- Joshua Vazzoler and I worked on an implementation that allowed users to be authenticated: https://trello.com/c/ENvflOfe/49-back-end-implemented-basic-login-authentication-with-jwt. This was achieved by creating:
  - A controller that handled the routing of '/login'.
  - A function of 'apiPostLogin' that would return a JWT token if a user existed.
- Joshua Vazzoler and I worked on developing a user registration that would input the given data on the registration page directly into our MongoDB atlas collection. Using our authentication implementation, we were then able to login using the newly created user: https://trello.com/c/rEA8j4EE/54-backend-registration-implementation.
- I added the 'skills' field to the 'user' schema to allow for current users to display their skills. I also added a field to registration that allowed registering users to list their skills: https://trello.com/c/ncyvZQ3s/82-added-skills-field.

Review

- Joshua Vazzoler and I reviewed the difference between MongoClient and Mongoose when deciding whether to switch to Mongoose or not.
- Joshua Vazzoler and I reviewed each others' developments and implementations before each backend team meeting, and at the conclusion of each backend team meeting.
- As the scrum master, I kept up to date with each team member's sprints and reviewed everyone's progress at the beginning of each in-class meeting.
- As the scrum master, I reviewed each team member's goals for the upcoming sprint with the respective team member to ensure that the goals set and due date(s) were reasonable.
- I completed the 360 peer review for Joshua Vazzoler and Christopher Purkiss; Joshua Vazzoler completed a 360 peer review for me. We discussed our reviews of each other during the week 7 meeting.
- I reviewed the goals of each team member for the week 7 presentation to ensure everyone understood their tasks.
- During the week 7 meeting, every team member reviewed the week 7 presentation slides to ensure everything was correct and that nothing was omitted.