Bookeroo Sprint Retro Notes
Team: 6

Sprint: 4
Date: 17/10/21

Attended:
Scrum Master: Kim Ta
Testing: Megan Dalton
Development team: Declan Baker, Dineth Abeysinghe

1. Things That Went Well

- All backlog items have been implemented
- The sprint velocity has doubled since the previous sprint
- All members have been present at all group meetings, which had been consistently maintained since the beginning of the project
- All group members instinctively know the tasks for which they hold responsibility, yet still finds worth in consulting with one another before engaging in work
- Tasks were early identified, and efficiently delegated to each member
- Each group member has obtained official certification of completion of the AWS Cloud Foundations course, and were able to familiarize themselves with the various cloud services offered
- The application is successfully deployed via AWS Amplify and microservices could also be deployed using their condensed JAR files on AWS Elastic Beanstalk

2. Things That Could Have Gone Better

- Every member of the group was busy with many other external responsibilities and commitments during this sprint, which led this sprint to be more challenging, as another factor to balance
- The group lacks experience in designing and implementing high quality security into the app, which poses concerns for some sensitive data being handled in several key features of the app - monetary transactions, registration, etc.
- There remains some bugs in the front end

3. Things That Surprised Us

- All team members were given the opportunity to explore Amazon Web Services through an online course centered around cloud computing and the advantages of using some of the core services of AWS
- AWS offers over 200 products and services, many of which have yet to be explored by the team
- Security of user data is important because if sensitive data - such as passwords, bank details and personal information which users entrust to the business upon registrations and transactions are publicly and easily accessible, the application could be exploited by unauthorized parties for unethical purposes

4. Lessons Learned

- Members of the group have learned first-hand about the pressure that accumulates during busier times and that such situations must be anticipated
- There are many benefits in learning from high quality online courses, and it was helpful to the group to learn AWS Cloud Foundations

5. Final Thoughts

- Things to change:
  - The group could look into courses or other educational material to learn how to implement high quality security into the app

  - The team must become more aware of safety of clients and users

  - All members should strategize on how to protect and improve their health and wellbeing to recover from the overwhelming times experienced during some sprints, so that the exhaustion does not carry over to future sprints

- Things to keep
  - The team should keep the strong team dynamic, full of support and cooperation with one another
  - The group should aim to keep improving the sprint velocity and eventually stabilize it at an optimum rate
  - Independent learning and sharing skills between team members