

Sprint 5 Review

Group members

- Hayden Woodhead (Project Leader)
- Dominic Porter (Project Member)
- Izaac Crooke (Project Member)
- Tony Le (Project Member)
- Blake Mclean (Project Member)
- Chris Lipscombe (Project Member)

Sprint 5 Goal Key Points

- Continue progress in previous sprints
- Polishing off design for android and ios apps
- Integrating Firebase for backend services
- Management Panel login implementation

Review

During this sprint the team has been performing exceptionally well, coordination with team members is strong, and the team dynamic is progressing in a positive manner. Development has been progressing slowly but moving forward which is a plus and a positive result for the team. Tony who is our ios developer said that everything went well with no major problems during development, but the design of the app was poorly implemented, a few cons of the ios app was that the app doesn't refresh by itself during processes, this doesn't majorly affect users experience but does affect viewers ability to view the current user balance after the qr code has been scanned, as the balance doesn't update and remains the same.

Blake who is one of the teams android developers said some positives about development was that the app is working as it should, and is running without any errors, he got the ability to generate qr codes working using a ready built api service called zebra crossing, which worked seamlessly and caused him no problems, and integration with tessera backend was easy and went well with no errors and no major problems. Some negatives with development was learning how to use the android studio ide, as he had no prior experience in development with the software, so the learning curve was a bit steep and made initial development difficult. Then the normal minor problems during development was the project to stall a few times, but this is expected while creating a app of this size and specifications.

Chris who is the team's other android developer said having a pre build api service for scanning qr codes made development super easy, and allowed him to progress further faster with other features and parts of the project. Another point he also made is that implementation with tessera backend was also seamless and worked really well, had no problems and api calls all passed and allowed the app to access the data required. Cons for this sprint was that the design of the

app wasn't up to scratch and looked a bit poor, this was due to a lack of upskilling and time management, and implementation was poor and went bad.

Hayden is the teams project leader and backend developers, said the tag on feature was painless and easy to put together and was a major highlight for this sprint. Also helping out one of our other backend developers dom was great as the team work between the two was positive and constantly progressing collectively to achieve a goal together. A few bad points about the sprint was that there were a few tests they had to rework because they broke and where unuseable for no reason at all, which consumed a lot of time for him and dom. He had a bit of trouble helping other team members with programming, as the code and processes put him a little out of his depth.

Dom is the a project member and a backend developer, said the code was easy to work with, this was due to the fact he had prior experience with python and pycharm, and implementation was quick and painless and made development easy. The use of git and version control was a great feature as it made finding errors in his code easier and quicker as he could figure out which build was successful and which wasn't and had a list of errors regarding the issue. A few issues he faced was that the program kept breaking for random reasons which are still unknown which stalled him development and made progressing harder.

Izaak is a project member and the other backend developer, working with my team to figure out problems was awesome and made getting help on matters that i had easier. Also some of the development for the management panel was good as there was a lot of information on forums regarding urls and forms for the login panel. The fact that django has a lot of premade auth forms made getting login pages up and running easier. Cons where that i couldn't get a environment variable working on my windows which completely stalled development as i couldn't login to the admin panel to setup a user to test my login page.

Overall the team had a very productive sprint and achieved a lot of milestones and hit a lot of walls and had a few problems which stalled development. But we achieved our main goals and can successfully say that we reached our sprint goals and have completed the sprint. As a group we have collectively all contributed to this success and the team has worked hard throughout to complete this goal.