Project Retrospective Template

Project Review

Major Events

Adam leaving (and issues relating to it)

Missed auditor meeting

Success Metric ($100 test)

$20 - Convert data into excel format or similar (e.g. CSV) - SUCCESS

$15 - Record Sleep Data on web app - SUCCESS

$15 - Record Sleep Data on iOS - SUCCESS (Using a PWA)

$15 - Record Sleep Data on the Android App - SUCCESS

$15 - Compatible web app - SUCCESS

$5 - Data Visualisation on Web App - SUCCESS

$5 - Data Visualisation on iOS - SUCCESS (Using the PWA)

$5 - Data Visualisation on the Android App - UNSUCCESSFUL (Not a high priority)

$5 - Notifications e.g. Reminder to record sleep data - SUCCESS (Made email notifications)

Project Discussion

Successes

Server

- Webserver using a framework that supports conversion to a PWA was a good choice

Android

- Overall it was a success, but some bugs still remain

Documentation

- During sprint 1
- The team thought the project was well documented and the minutes were comprehensive which meant it is easy for someone gain an understanding of project

Good use of github

- Github issues helped track bugs and record 'todo' items for each member

- Half of us didn't have experience with github before this project so it was a good learning experience for them

Challenges

Adam leaving

- iOS project was derailed for a while

- Lost a subject matter expert on iOS

- Down manpower

Changing Features to Satisfy Client

- Changing privacy from fully anonymous to partially anonymous

- Changing time and duration pickers

- Increased development time by ~ 10 hours

Android HTTP protocol

- Was a problem for 2-3 weeks, but was overcome eventually

Needing to learn a lot

- All iOS team members started with no knowledge

- Joshua had to learn with Zihao how to work on android

- Michael had to learn with David how to work on the webserver frameworks

- Learning through practical examples allowed us to learn quicker

Unclear project guidelines

- Which documents were required

- Overlapping purposes in sprint 1

Time Consuming Admin Work

- Administrative documents took a lot of time away from development

Other insights

- Got lucky by being able to pivot to a PWA rather than an iOS app

- Mentor was a lot of help; she sent us a lot of documents that helped with the project management and documentation. She also helped get us approval to use the UWA styling guide.

Action for future projects

- More collaboration by coding together through pre arranged times

- Assign more time to learning over planning and administrative work

- Create a coping plan in case the risks eventuate

- Learning through practical examples

- Assign more time to learning over planning and administrative work

- Create a coping plan in case the risks eventuate

- Learning through practical examples