**Work Diary**

**29/10/20**

Initial group meeting with UX team

**30/10/2020**

Downloaded/ set up android studio. Firebase. Github

**31/10/2020**

Set up firebase account

**1/11/20**

LOTS more research into services to host database and servers side code

Learned about NoSQL databases

**2/11/20**

learned I couldn’t use my webscraper from before. Can’t use a driver as cant control servers machine. Can still salvage it. Use it to get all the links which I can then use

Looking into FPL API, no documentation

**3/11/20**

Had meeting with Daniel where we disscussed the initial idea

**4/11/20**

Did research into how to use the FPL API

**5/11/20**

Java practice

**6/11/20**

Java practice

**7/11/20**

drew up simple mock ups of all the pages/tabs the app will have and all the features. Wrote primary objectives and how I plan to do all these fixtures

**8/11/20**

adapted web scraper

learned firebase spark plan doesn’t let me do outbound requests so had to change to the blaze plan which is pay as you go but I still get all the free stuff from the spark plan

**9/11/20**

Trying to get my head around cloud functions. Learned I can’t use python so need to used nodeJS. Need to fully understand file structure for firebase and node

**10/11/20**

Meeting with Daniel

Investigated the most downloaded FPL assistant type of apps. Dowloaded the top 5 and wrote up an analysis of the features they offered and my opinions on them.

**11/11/20**

N/A

**12/11/20**

wrote up the FPL point system and looked into algorithms

**13-14-15/11/20**

other uni work

**16/11/20**

literature review work. Linear programing and regression

**17/18**

more literature work/research

**19/11/20**

group meeting going over ethics and risk assesment

**20-23/11/20**

more literature review work/research

**24/11/20**

Risk and ethics form filled out and submitted

**25/11/20**

Re-wrote gantt chart, file got lost

**26/11/20**

Wrote up survey

**27-30/11/20**

Literature review and refining survey

**1/12/20**

Meeting with Daniel

**1 -20/12/20**

Other Uni work (refined and finalized survey, sent out on the 14th)

**21/12/20**

analysied survey results

**22/12/20**

wrote up paperwork needed ro get user feedback on paper prototype

**23/12/20**

Created paper prototype

**24-26/12/20**

Christmas time off

**27/12/20**

began getting used to adobe XD

**28/12/20**

did focus group and wrote up feedback on paper prototype

**29-1/01/21**

Created final prototype

**02/01/21**

wrote up paperwork needed ro get user feedback on final prototype

**03/01/21**

did focus group and wrote up feedback on final prototype

**04-08/01/21**

midway report writing

**09-12/01/21**

created backlog and planned sprints on click up

**13/01/21**

refreshed knowledge on firebase

**SPRINT WEEKS (more info on clickUp)**

**14-17/01/21**

sprint 1

**18-24/01/21**

sprint 2

**25-31/01/21**

sprint 3

**01-07/02/21**

Sprint 4

**08-14/02/21**

Sprint 5

**15-21/02/21**

Sprint 6

**22-28/02/21**

Sprint 7

**01-07/03/21**

Sprint 8

**08-14/03/21**

Sprint 9

**15-21/03/21**

Sprint 10

**22/03 – 22/04 /21**

Final report

**23–26/04/21**

Final deliverables, video and user manual