Proposed Plans and Progress

I think we should break the project into 4 phases. After reading the assignment again, this part talks about the “story” of the project, and how we have progressed so far, and what we plan on doing next. As part of that, I think we can take this all the way back to the start. So with that in mind, here are the phases:

## Phase 1

Dates: 30th Mar – 23rd April 2021

1. Form a group
   1. Built a group, met and built a Rapport
   2. Compared our IT experience
   3. Built a team profile, with team name
2. Investigated the IT job market
   1. Shared our career goal amongst the group
   2. Compared our ideal jobs
   3. Collected and collated industry data
   4. Interviewed and IT professional
3. Investigated Techonologies
   1. Automated Vehicle
   2. Cryptocurrency and Blockchain
   3. Natural Language Processing
   4. Raspberry Pi
4. Began an IT project
   1. Decided on a project
   2. Investigated Design
   3. Put forward a detailed description
   4. Investigated the tools and technology
5. Formed team processes
   1. Use of Trello, GitHub, google docs and teams agreed upon (maybe not Abby and teams)
   2. Documented experience in a report table 23rd April 2021
   3. Also available on the world wide web

## Phase 2

Dates: 27th April – 28th May 2021

1. Refined Project management
   1. Agile
   2. Sprints
   3. Gannt
   4. Kanban
   5. Existing things we already use…. Teams, Google docs, Trello etc
2. Define Aims
   1. Develop an overall plan for the project
   2. Investigate appropriate goals to ensure project remains on track
3. Develop a plan
   1. Track progress
   2. Assign Roles to the group
   3. Set scope and limits to the project
   4. Set the project to a timeframe
   5. Track deliverables
4. Develop a test plan
   1. Define testing aims
   2. Investigate testing options
   3. Interpret and store test results
5. Produce a risk assessment.
   1. SWOT analysis
   2. Investigate competition
   3. Ensure we have appropriate insurance
   4. Mitigate and eliminate project risk where possible
6. Present deliverables to investors.
   1. Full report
   2. Video
      1. Highlight positive attributes
      2. Future marketing
      3. We’re on TV
   3. Use of Figma to show design and features of the application
   4. Website

## Phase 3 – Coding

Dates: 31st May – 6th August

So this is the period of 10 weeks beyond the assignment that we have to account for in the timeframe section of the assignment. It’s where the coding for a working prototype will happen.

1. Front end coding
   1. Working Android prototype
   2. Working Apple prototype
   3. Working website, running Java script form
2. Back end development
   1. Development of rudimentary web server
   2. Trial account with AWS or Microsoft Azure for application server, sql database and storage of data
   3. Coding for the severs
   4. API development, to ensure that web can talk to Application servers, that data from users can be put into extracted from our database
   5. SQL Coding

## Phase 4 – Market ready

Dates: 9 August 2021 – 9 February 2022

In the skills and jobs the assignment ask for us to come up with jobs that will be required if we got investors to fund the project for another 6 months. So this will just try and fill that gap

1. Beta testing
   1. Using test plan developed in phase 2
   2. Relaying problems to development team
   3. Continuous improvement project
2. Continue development
   1. Incorporate improvements into the code
   2. Track issues
   3. Refine product ready for market
3. Start marketing
   1. A successful product launch require people to be aware of product
   2. Online marketing campaign
   3. Allow free use of product for limited time
4. Launch Date- 8th Feb 2022