**Review of current stage of project work (First draft)**

As of the stage I’m at I believe the project is going very well. I find that the process , and the rhythm of work I have adopted to meet the schedule has overall worked out well and I’m confident that everything I had intended to create up until this point has been done. I’m extremely happy with how the application functions and happy with myself at how I have managed to get it to the stage now where it technically functions like I intended at the start, albeit a very rough version.

In regard to negatives within the project I think my unwavering focus on a functional application has resulted in me deprioritising key elements such as the thorough validation and testing as well as the visual appearance of the application. Although these aren’t things that I’ve forgotten to do, as they are things I have scheduled for later increments, it has still left me with an overall weaker and less inspiring iteration of the application, which is a little disheartening.

In the future when I future I think maybe I would spend more time developing the formal structure of the classes and their relationships with each other ass that has probably been the most challenging thing for me to overcome during this increment. I believe doing this would have lead me to create a more secure, tested and validated product in the first few increments of the application.

**Review project management (first draft)**

Overall I believe my project management has been ok, especially as I haven’t done anything like this before.

Eseintially I have followed an incremntail and iterative lifecycle. Whereby I have eseintaially streted form a large aim such as build an application and broke it down into smaller and smaller lements that were easier to break into sections, different incremnts, and work through the specific taks required to meet those outcomes. I have been able to develop theses incemnts as well as create notes that able me to iterate over thse sections in later increments. I have found that writing relatively informative project logs has enabled me to stay coherent as to where I’m at in the project even whenever I step away from it over a period of days, andlonger in the ces of my ectedned break to focus on other modules

**Assess risk to project completion (first draft) – read and reword, have double spoke in areas**

At this stage of the project I have the confidence imbued in me to assertively say there will likely be no risk to the project that would get in the way of it’s final completion by the date specified on the project schedule (if not earlier potentially). The risk table below identifies the initial risks that I foresaw : (Maybe add a link instead so there are 2 risk tables in the document?? Or make horizontal and remove the likelihood, impact ect)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk Ref | Risk | Likelihood | Impact | Overall Risk |
| Ref.1 | Potential users become uncommunicative | 4 | 2 | 6 |
| Ref.2 | Failure of computing equipment | 2 | 10 | 12 |
| Ref.3 | Miscalculation of planning schedule | 6 | 6 | 12 |
| Ref.4 | Misjudgement of my technical ability and my capacity to follow through in fully developing the project | 4 | 10 | 14 |
| Ref.5 | Scope creep affects the schedule I have created | 6 | 4 | 10 |
| Ref.6 | Other modules take up more time and affect project schedule | 8 | 8 | 16 |

Review against what it mentions in the relevant TMA section

The risk of uncommunicative users who I intended to utilise as potential testers was an unfounded concern as this issue never arose, I have been in regular contact and updated them on at what stage I was at and what stage I may need their participation.

The failure of my computing equipment is a constant risk which could pose a problem all the way until the end of the project, I have mitigated this risk by making regular back ups to a USB device as well as pushing all project files to my GitHub repository which means if failure occurred I would have a relatively up to date version of the project. I have also researched how to access files on the hard drive of a broken laptop, as most likely the technical failure wouldn’t be related to the hard drive itself so I should still be able to access the files in that scenario.

Miscalculation of the schedule was a risk I felt could pose a potential issues at the start of the project however as I have worked through the project I have made constant reviews and changes, as is expected in a normal project and through doing this any miscalculations have been reviewed and amended. The only other issue could have been a miscalculation on the timing of each element and the final product however this has been found to be unfounded as I’ve gained more experience

One of the larger risks I anticipated was that the project would be too complelx for me which would cause issues both in the development and the the end result of the app and the related assignments. This issue was largely mitigated by the fact hat I wa quite interested in the topic and regularly read into elements that expanded my abilities. Also as I believe is probably a common trait I misjudged my own capabilities and capacity to deelop quickly as I have experienced no large issues froom a technical ability standpoint

I risk I assumed could be an isuseway scope creep, whereby a I was building tha plication, and subsequently expanding my knowledge and ability, the scope of the application would expand, which could affect the application for the better overall but would also heavily affect eh project schedule. I found that it was quite easy to just focus ont the main functionality of he application and any further developents that would affect he scope I noted down, with greater elaboration, and would review their possibility after the main functions were built. I did regulary adjust the schedule but this wasn’t a mitigation of scope creep, as was the initial mitigation.

The biggest risk to the project was that other modules would take up more time, this risk turned out to be a reality and themitiation I had in place turned out to be unsustainable, as allotting more and more time to the moduless and project had diminhing return. In reality the way I overcame this issue was to review and readjust my chedule and for a period of time I focused entroely on the other modiles. Once they were completed I still had ample time, as I ghad been generous with the timescale of the project schedule, to fully complete the incmrent and assignment by the initial dates that were set out

**NOTE: THE BELOW IS WHERE YOU WRITE OUT AWSNERS TO tma03 – COPY AND PASTE INTO RELVEANT SECTION ABOVE AND THEN EMALGUMANT THEM – CUTTING AND TRIMMING WHERE NEEDED – GREEEN WHEN MOVED**

**Review of personal development (First draft)**

Overall I’m very happy with the amount of personal development that I have experienced during this project. I’m very pleased with how I have handled and progressed my skillset in the Java language, project management and general knowledge on application development.

As I have worked through the project I have encountered challenges which have facilitated the development of both the hard skills required for this specific project and soft skills that are relevant in all projects. My Java based knowledge has definely expanded as I’ve had to create increasingly complex jabva logic requrid to make the application function. My knowledge in reagds to the presntation of the application has also increased as I’ve had to deal with more XML files and link them to the Java code. My skills in relation to problem soloving has developed as I’ve worked through the development I have regulary encountered stumbling blocks in regards to imolemnting some functionalities and I’ve be able concidesly gether my requirements and then find the appropriate resources within the android documentation which has hen served as a starting block from where I can further develop my adaptation.

(Not good needs work) I have developed my project management skills in such a way that through constant review and formal as well as informal itemisation and iteration of expected tasks leaves me constantly aware of what is required of me to complete the current increment of work. I also found that developing a greater level of detail in the project logs allowed me to be aware of what I had already sone. Combining these elements I found important to keep me pressrnt in what I had done and needed to do in the project.

I also found I further developed my own self management as I have learnt more about myself and what works to get the best ut of myself. I found the rhythm of work that worked best for me which was generally to have stints of work with regular, but not strict, breaks to break things up but when I was on the cusp of finalisng certain elements I would allow myself to carry on until I felt the need to have a break.

BITS removed from schedule section:

I’ve added this in but review and double check before delete - I’ve changed the changed the project schedule, images are in 1.5 and 1.6 appendix 😊. Incorporate the schedule changes with written explanation in this section, which are:

* Added some ‘ weekly review’ activities in 2nd increment to show you’ve occasionally checked back to stay up to date – 19/04/2023 – 11/06/2023
* Moved main body of work rightwards of 2nd increment (12/06 – 02/07) and TMA03 (12/06 – 04/07) – due to exams basically
* Moved 3rd increment starting point rightwards (10/07 – 06/08) – as 2nd increment starts and finishes later because of exams
* Didn’t touch EMA as TMA end date is set and hasn’t changed
* Moved start date of the ‘finalisation of app’ rightwards (07/08 – 01/09) due to aforementioned exams