### Hayley-Belle Cleverdon 1103854 R&D Log Book

### 1st March

I was assigned to a project, but it wasn’t any of my 4 choices. Luckily this was swiftly changes and I was added to my second choice, even though this has made the project team larger than it should be, I’d rather this, than work on a project I’m not interested in for a year. I’ve passed my details on to the text.

### 2nd March

Our supervisor contacted us and wanted to set up a meeting for this afternoon – I was not able to make this time due to an appointment, so the meeting time needs to be pushed to when we can all meet. I set up a slack channel for our team to communicate, as the emails are getting messy. I use Slack at work and have done for previous projects, it’s a better way to communicate and manage channels, and it is easy to find previous conversations.

### 7th March

Team create a OneNote, Google Drive and Trello board. Might not need all of these, but handy to have. I’ve added the templates from ITPM to the drive to help us complete some of the work.

### 10th March

2 hours - First meeting with group. Hadn’t met them yet because I had changed groups. Was glad to see everyone showed up.

Our supervisor met with us and informed us that she was not actually our supervisor, and did not have a lot of guidance to offer us, so there wasn’t much we could do to move forward. We will be relying on Stephen to get a new supervisor and get in touch with the client so we can move forward. Hopefully we can get an extension so we aren’t so pressed for time. I’ve offered to edit documents for the group as I am confident with my grammar etc.

### 13th March

Sent the team a proposal from last year with proposal concerns so we have a bit of a guideline to work off. Should come in handy.

### 14th March

The team had a meeting I couldn’t attend, but they had sorted out a plan for getting the supervisor issue sorted and had discussed where to get started. Emails have been sent to Stephen.

### 15th March

Stephen got back to us and has got us a supervisor! And has contacted our client! Had a discussion with the team, they will be meeting with them tomorrow, I’m not sure if I will be able to make that as it is very short notice. However, I am sure I can rely on them to relay the information to me and pass on my question to Stephen. I will be filling out a form for at least a day of leave to get some work done for the end of next week. This should help the team push through and get the proposal finished.

### 16th March

3 hours - I attended the client meeting today, though it was brought up last minute my bosses let me skip work to meet up. We have gained much more clarity on the project now, it was obvious, and he explained that he didn’t have much computer knowledge. He was mostly interested in knowing whether the project was feasible, rather than getting deliverables. Funnily enough, I feel the project is relatively simple as far as software development goes, the documentation will take us much longer to prepare to the standard he would like. He spoke a lot about getting hardware set up, and networking, which none of us have any expertise in – but by the sounds of it this project will be continued and handed over to others that will be able to achieve this for him.

### 19th March

19:00 -> 02:00  
 I researched methodologies, pulling out lectures and references from last year in Software Engineering to help out. I made decisions about the chosen methodologies based on information in the R&D lectures, and my previous knowledge of them. I found some helpful resources from previous years and think I am on the right track. I discovered that Kanban was not appropriate but I believe it will be useful for completing our tasks, so I intend on following those practices when working with the team. In particular, a continuous workflow should be pretty helpful for us. I’ve written up a pretty good amount of the project approach, but seeing as its 2am and I must get up in about 5 hours, I’ll finish it off another time.

### 22nd March

21:30 –> 23:30

Wrote up a lot of the approach, cut out some unnecessary stuff. Wrote up roles and all the details I could about FDD. Also sorted out the referencing, because if I don’t do it now, I never will. Looking close to finished, might need a polish, but has the rationale for the choice of the approach.

### 28th March

10:00 –> 13:00 + 19:30 –> 22:40

Met with the team and worked on the approach. I wrote up requirements and we discussed what was missing and any points that we weren’t clear on. Was a good session we got quite a bit done.

Later I put everything together in one document and formatted it nicely, read over everything to check for spelling mistakes, these guys have pretty good clear writing, I’m impressed.

### 30th March

22:00 -> 00:00

Made up my slide for the presentation, kept it simple with a few annotations to explain the steps of FDD. Also wrote up my speech and printed it off – timed myself speaking quickly, just over 2 mins so I might need to cut something out. We’ll see how we go!

### 31st March

4 hours - Presentation day, actually went really well. We missed a couple things that would have been good to include, and we were given some good ideas for ways to get good marks. One of the judges there was really on to it, and had a lot of knowledge to share, so we should meet up with him to gain some additional knowledge. I know we should get started as soon as we can, but I need a break from these late nights and stress, once I’ve caught up with web dev I’ll start doing some research.

### April 5th

22:30 -> 23:30

Looking over the list of things to research, I remember Spring being mentioned more than once. It’s a framework that uses Java, which I know all of us know how to program in. So I’ve fired up Lynda and found a tutorial, watched through a few videos but not doing the exercises. I’ll give those a shot when I feel more comfortable with it, but looks relatively simple, actually pretty useful. Just not sure how it would apply to the project at this stage but I can at least have the knowledge ready.

### April 10th

20:00 ->23:00

I made up some paper prototypes that are almost finished for the web pages/app pages whatever. Will share them with the team at some point – everyone has been pretty quiet lately so I’ll try get them to meet up. Its likely that there are a bunch of assignments on as it is the middle of the semester.

### April 11th

Team couldn’t meet this week so suggested that we did next week instead. Edit: Did not hear from the team the following two weeks.

### May 2nd

Messaged team again letting them know we needed to meet up to get back on track – we’ve lost about 3 good weeks of work we could have been doing unfortunately. Arranged to meet on the morning of the 5th.

### May 5th

10:00 > 11:30

A good meeting today – a decent reality check and delegated the first main task of writing up a schedule – it means that everyone will try a little harder to adhere to what they said they were going to do. I have a few things to do myself – I’m going to cover GitHub and the Cloud based approach – which should be easy for me to procure information from work colleagues.

### May 7th

18:00 > 21:00

Didn’t manage anything yesterday as it was my son’s birthday party but tonight looked over GitHub and got some recommendations. Decided to go with TortoiseGit as I have used TortoiseSVN before and found it really easy to grasp. Messaged the team and asked if they would like to run a workshop on it to get familiar. Most seemed keen to do so.

### May 8th

12:15 > 13:00

Spoke with a colleague today about the cloud-based approach and got some good information as a starting point, some recommendations for tools and a bit of a simplification for a realistic approach and an overview of the options. I should be able to translate this into two feasible approaches to write out – static webpages and a web app. I can probably get a simple version written up very soon.

### May 10th

20:00 > 22:00

Reading up on Amazon S3, looks like it shouldn’t be too difficult to set something up.. maybe. Still pretty confused to be honest. Also looked up a few other possible solutions that have already been built, these are to be included in the feasibility study.

### May 11th

17:00 > 18:00

Ran through GitHub with the team at uni– unfortunately the lab PC wouldn’t allow me to use TortoiseGt or TortoiseSVN which was a setback. However I managed to show them the basics on Vini’s laptop – it isn’t overly complicated and they seemed to understand. We also had a quick discussion on what we had been looking at so far.

### May 12th

20:30 > 22:30

Set up GitHub Project board based on Trello board, did JavaScript tutorial on codeacademy for interactive websites: https://www.codecademy.com/users/Haylis/achievements

### May 16th

21:00 > 00:00  
 Added questions to what is going to be sent out to the venue/mathex organisers. And for WebDev we are learning Javascript, Ajax & HTML, which I feel we will more likely end up using for the project, rather than Java (assuming we want a simple solution and not a full application).

### May 17th

20:00 > 23:00

Continuing to learn JavaScript through WebDev.

### May 19th

16:30 > 17:00

Got a few clarifications with cloud based approach from my colleague – regarding how S3 works, what it charges and what cloudflare is good for.

### May 22nd

18:00 > 20:00

I edited the suggested points for Proposal changes that were the sections I worked on originally – getting references where they were missing and researching the SDLC again. I’ve committed the proposal to GitHub. I researched S3 further and looking into what Databases could be utilized. Because the database will be so basic it’s hard to tell what will be the most useful – as far as I can tell we won’t be needing a relational database, as it’s likely there will only actually be one table.

### May 23rd

20:30 > 00:30

It looks like my team didn’t realise the Mid-Project status report was due this week woops, I imagine they’ve had other assignments to do as well. I’ve added the tasks to a new Project board in GitHub – I’m hoping the team will start using this board as the trello board is feeling too cluttered.   
Made up the status report doc and added a few sections to it – wrote ~1000 words.

### May 24th

18:00 > 01:00

Spent some time discussing with the team what we needed to complete. Set up a GitHub bot to notify us of changes in the repository, had a few hiccups, but that’s why I keep local saves.  
Added summary for approach, added a summary of my studies for a cloud based solution, edited a lot of things, wrote up my individual contributions, more editing, added an executive summary. Overall I probably took about an hour’s break in between this so I worked for a solid 6 hours. This should be enough for them to hand everything in, I hope.

### May 25th

14:30 > 15:00

Quick final edits and submitted logbook