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1 12 Week Summary

1.1 Overview

Week	1	2	3	4	5	6	7	8	9	10	11	12
Team and Supervisor meetings	1	2	1.5	1.8	1	1	1.8	4	4	3	1	1.5
Client Meetings	0	1	0	1	0	0	0.2	0	0	0	0	0
Team Management and Admin	1	0	0	0	0	0	0	0	0	0	0	0
Research	1	5	2	0	1	2	0.7	0	0	0	0	0
Software	0	0	3	10	4	2.5	3	1	0	0	0	0
Presentations	0	0	0	0	0	0	0	0	0	0	1	0
Team Documents	0	0	0	0	0	2.5	0	0	0	0	0	4
Reviewing	0	0	0	0	0	0	1	1	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	8	6.5	12.8	6	8	6.7	6	4	3	2	5.5

2 Week 1

Date: February 29 to March 6

2.1 Summary

Task	Hours
Team and Supervisor Meetings	1
Client Meetings	0
Team Management and Administration	1
Research	1
Software	0
Presentations	0
Team Documents	0
Reviewing	0
Other	0
Total Hours This Week	3

Task	Hours

2.2 Detail of tasks undertaken

29/02

- Software Project lecture.
- Met with team to discuss the parameters of the project and technologies involved.

29/02 - 4/03

- Researched VM technologies that I might need
- Attempted to download VM image provided by Alex (there were issues)

2.3 Learning

- I got a high level view of how doubtfire is structured behind the scenes as well as the technologies involved.
- Attending the lecture I learned the outline of the unit and the basics of what I'll need to do throughout the semester.

2.4 Collaboration

- I participated in a team meeting to discuss what we're going to do for this project.
- Alex and I discussed what might work in terms of using a VM instead of installing Ubuntu, for setting up the dev environment.

3 Week 2

Date: March 7 to March 13

3.1 Summary

Task	Hours
Team and Supervisor Meetings	2
Client Meetings	1
Team Management and Administration	0
Research	5
Software	0
Presentations	0
Team Documents	0
Reviewing	0
Other	0
Total Hours This Week	8

3.2 Detail of tasks undertaken

7/03

- Software Project lecture.
- Met with our client, Andrew Cain.

8/03

- Researched AngularJS, one of the main technologies being used for doubtfire (web).

7/03 - 13/03

- Switched from attempting VM usage to dual-boot Ubuntu on my laptop.
- Researched how to safely set up a dual boot and installation options for Ubuntu.
- Met with the team to discuss GitHub workflow and the wider context of how we should do our work.
- Set up laptop with dual-boot Ubuntu.
- With mixed success, installed required software to set up my dev environment in Ubuntu. Collaborated Alex who helped me solve numerous errors I encountered during this process.

3.3 Learning

- During the lecture, I learned about how to be professional when dealing with a client.
- I learned a great deal about GitHub workflow, including forking and pull requests.
- I learned more detail about what Andrew would like for the doubtfire system, and how it fits in to existing features.

3.4 Collaboration

- I collaborated with my team during the client meeting and also in the team meeting to discuss GitHub workflow.
 - Worked with Alex to solve my many installation errors setting up my environment.
-

4 Week 3

Date: March 14 to March 20

4.1 Summary

Task	Hours
Team and Supervisor Meetings	1.5
Client Meetings	0
Team Management and Administration	0
Research	2
Software	3
Presentations	0
Team Documents	0
Reviewing	0
Other	0
Total Hours This Week	6.5

4.2 Detail of tasks undertaken

14/03 - 20/03

- Got my laptop development environment up and running and started looking through the code.
- Began working on a trello card job to make some changes to the front end Card¹

4.3 Learning

- During the lecture, I learned about how requirements analysis is viewed in context of the capstone projects.
- Did some more of the AngularJS tutorial to get a better handle of the language features.

4.4 Collaboration

- Had a team meeting on the Sunday of week 3 to discuss the requirements for the project, the scoping for each semester and what issues we need to bring up at the week 4 meetings with our supervisor (Graham) and our client (Andrew).

5 Week 4

Date: March 21 to April 3

5.1 Summary

Task	Hours
Team and Supervisor Meetings	1.75
Client Meetings	1
Team Management and Administration	0
Research	0
Software	10

¹See <https://trello.com/c/QSAWPY36/35-add-in-alt-keys-using-accesskey-attribute-to-quickly-perform>

Task	Hours
Presentations	0
Team Documents	0
Reviewing	0
Other	0
Total Hours This Week	12.75

5.2 Detail of tasks undertaken

28/03

- Team meeting on skype to discuss requirements

21/03 - 03/04

- Worked on Accessor Keys² task. Ended up passing it back to the backlog as it proved too difficult.
- Worked on Adding Grade Icon to Task Viewer³
- Meeting with Andrew to discuss requirements.
- Short meeting with Graham to discuss our progress and our assessment criteria.

5.3 Learning

- I learned more about how services work in AngularJS while doing the Grade Icon task
- I learned more about how the HTML pages integrate with AngularJS

5.4 Collaboration

- Team meeting, client meeting and getting assistance from Alex on the 2 cards I worked on.

²See <https://trello.com/c/QSAWPY36/35-add-in-alt-keys-using-accesskey-attribute-to-quickly-perform>

³See <https://trello.com/c/5cVfPtyU/39-add-grade-details-to-task-sheet-so-that-students-can-see-wh>

6 Week 5

Date: April 4 to April 10

6.1 Summary

Task	Hours
Team and Supervisor Meetings	1
Client Meetings	0
Team Management and Administration	0
Research	1
Software	4
Presentations	0
Team Documents	0
Reviewing	0
Other	0
Total Hours This Week	6

6.2 Detail of tasks undertaken

04/04 - 10/04

- Began working on a task to fix a Latex issue when generating pdfs. card⁴

6.3 Learning

- Spent some time learning about the basics of Latex

6.4 Collaboration

- Participated in informal meeting with Andrew on Monday, where we went through some test harness issues.

⁴See <https://trello.com/c/Ru6IuDnN/42-m-text-in-file-upload-requirements-can-break-latex-processing>

7 Week 6

Date: April 11 to April 17

7.1 Summary

Task	Hours
Team and Supervisor Meetings	1
Client Meetings	0
Team Management and Administration	0
Research	2
Software	2.5
Presentations	0
Team Documents	2.5
Reviewing	0
Other	0
Total Hours This Week	8

7.2 Detail of tasks undertaken

11/04 - 17/04

- Finished API task with help from Andrew (card⁵)
- Started work on new card⁶, getting a handle on how CSV import process works on the backend.
- Worked on Use Case Diagram, use Case descriptions and an Entity Model for the ticketing system (card⁷)
- Did my mid-semester peer review (card⁸)

⁵See <https://trello.com/c/Ru6IuDnN/42-m-text-in-file-upload-requirements-can-break-latex-processing>

⁶See <https://trello.com/c/koISTdFm/46-s-import-of-students-should-use-named-rather-than-positional>

⁷See <https://trello.com/c/RX0UstqJ/8-requirements-documentation>

⁸See <https://trello.com/c/g4R3IkWd/9-peer-review-documents-round-1>

7.3 Learning

- I learned more about how the Rails backend works and how to perform actions and manipulate data using the Rails command line.

7.4 Collaboration

- Talked with Jake and Alex about the requirements documentation and changes needed to make them better.

8 Week 7

- Attended the lecture.
- Further work on import columns card⁹. Put into open pull request.
- Did some research on how Ruby handles various types of arrays.
- Reviewed design documentation created by Alex and Jake, looking for anything that could use improvement.
- Client meeting with Andrew to discuss workflow of the product
- Supervisor meeting with Graham to discuss peers reviews and assessment criteria

9 Week 8

- Attended the lecture.
- Import columns card (see week 7) needed further fixes. Spend some time reviewing the mistakes I made.
- Met with Jake and Alex to story-board the presentation video on a big whiteboard.
- Worked with Alex to attempt to diagnose a bug I found in (live) Doubtfire.

10 Week 9

- Attended the lecture.
- Helped filming stock footage of the help desk.

⁹See <https://trello.com/c/koISTdFm/46-s-import-of-students-should-use-named-rather-than-positional>

11 Week 10

- Attended the lecture.
- Helped Alex and Jake film Andrew, footage we will use in our presentation video.

12 Week 11

- With Alex and Jake, presented our video. Participated in asking questions of the other groups.

13 Week 12

- Lecture
- Met with Graham to discuss Assessment criteria and various documentation requirements.
- Worked on the SEP draft
- Worked on self-reflection documents.