

Meeting Minutes – Team 18

Location: The Rack Computer Cluster
Date: Thursday 10th March 2016
Time: 10:00

Attendees:

Ariela Bawol, Alex Bridges, Andros Zantis, Daniel Coutts, Justyna Cichosz, Lewis Harvey, Toby Dent, Yousaf Hussain.

Agenda Items:

1. Apologies for absence:

N/A.

2. Approval of minutes of previous meeting:

The minutes were approved by all team members.

3. Implementation:

- We discussed whether the minimum Android version for DYNE should be 4.0 Ice Cream Sandwich or 5.0 Lollipop. Currently the biggest Android user base uses 4.4, which means that we may lose potential consumers.
- Currently the app should be compatible with 4.0 but not all of the features work because of the recent updates, and we had to use some features that are specific to 5.0 for certain XML files.
- If we decide to change the minimum OS version, we will need to add this to the modification section of the final specification, and alter the fair trade poster.
- Daniel found out that we can save all of the images needed for the recipes in the team's online webspace and then request them via a link. Therefore, the images will not need to be stored in the database.
- The tutorials may be stored locally as a page.

4. Database:

- Alex and Daniel came up with a proposal for a new database schema which uses more entities and linking tables (i.e. relationships) because searching all of the recipes for a specific ingredient is not very efficient in the current database implementation.
- Daniel has already created the tables for this new database in the team's online space but they still need to be populated.

- Toby pointed out that we do not have much time left until the final deadline so we should first build a database that works and then update it to make it more efficient (e.g. use the new proposal); however, Justyna pointed out that building the database in the correct way right from the beginning will save us a lot of time later because we will not have to fix many things. Alex and Daniel also pointed out that the new database is a lot easier to run and work with.
- Toby agreed to the new proposal and promised to start working right from the beginning by learning JSON and PHP; however, he will keep the old database files just in case.
- We discussed whether the dietary requirements attributes (such as vegetarian, vegan, gluten-free) should be given to each ingredient or recipe. If they are given to the ingredients, the recipes will most likely need to use inheritance because of good practice for maintenance and more efficient queries.

5. Specification:

- Justyna will submit the final specification after Alex proofreads it.
- Daniel will also reread it to check for consistency.
- The ER diagram for the new database proposal needs to be added to the specification.
- The Gantt Chart still needs to be replaced.
- We need more detailed descriptions for the diagrams.

6. Professional Behaviour:

- Alex will not send an email to John about Toby's low work ethics (e.g. not responding to Daniel's messages about the database and ignoring Alex's request for a meeting). Alex and Justyna do not blame Toby for implementing the database in an inefficient way because we should have designed it together as a team. Alex admitted to the mistake that him and Justyna asked Toby to build the wrong thing.
- We had a discussion about what is and is not professional behaviour as Toby believes that his behaviour was not unprofessional in any way.

7. Any Other Business:

- N/A.

8. Date and place of next meeting:

- Friday 11th March at 14:00 in the Rack.

Meeting closed at 11:00.