**Sprint 2**

**Day [1] - Scrum Meeting summary**

The Scrum Master for this meeting was **Stewart Scrimgeour**

**Members Present:**

Momchil Badzhev, Jordan Keiller, Mohammed Tokaria, Bruce Miller, Aldrin Baretto, Mikolaj Olejnik, Stewart Scrimgeour.

**Members Not Present:**

No naughty students today.

**Apologies:**

No Ill students today.

**Summary of Conversation:**

We went over the feedback given by Mike Crabb, namely:

1. Some of our user stories were too large, vague, and untestable. We need to break some of the “too large” stories into smaller ones. Make them have concise and testable points.
2. We discussed that didn’t have a definition of done last sprint. We had tests which had to be passed, which was in essence “The definition of done” for each user story. But we didn’t actually refer to the tests as the definition(s) of done. So, this sprint we will make a logged item which is explicitly stated as our definition(s) of done.
3. In our scrum meetings, I should be bringing up visualisations to show the team, an information radiator. For example, show them the sprint backlog if we are going over the sprint backlog items and point-to/highlight them as we are going over them.
4. Our code review was not up to standard. When we were double checking the code and git commits, we would only say something like “looks good!” but we should be going more into detail as to what looks good to show that we are doing proper code review.
5. Our branch naming was not up to par. We should not name our branch “Joe’s Branch” or something like that. We should name them after the functionality that is being developed in this branch so that it is easy to see exactly what has been worked on and when. For example, name it “consentForm” if you are working on the consent form user story.

We already knew that today is going to be about sprint planning so we’re going to do all of the things said above properly and divvy up the tasks.

Once the tasks are divvied up, we will simply begin them and make some headway on them.

**Day [2] - Scrum Meeting summary**

The Scrum Master for this meeting was **Stewart Scrimgeour**

**Members Present:**

Momchil Badzhev, Jordan Keiller, Mohammed Tokaria, Bruce Miller, Aldrin Baretto, Mikolaj Olejnik, Stewart Scrimgeour.

**Members Not Present:**

No naughty students today.

**Apologies:**

No Ill students today.

**Summary of Conversation:**

Momchil - Yesterday he was working on the story point “As a Head Researcher, I should have the ability to make new questionnaires from the front-end so that I can gather both qualitative and quantative data #69”. He was working along with Jordan and Aldrin, they started off quite strong, they were trying to create questionnaires from the front end dynamically. Although, they couldn’t set out what they had hoped to do so they will hopefully finish it today.

Mikolaj – Yesterday he was working on “As a Lab Manager/Head Researcher, I should be able to view all experiments so that I can analyse all of the data. #80”. He got the login setup which determines which type of researcher you are. He is working on outputting all the experiment data for the given researcher. He has a problem with PHP fetch vs fetch all, which Jordan helped him out with. He will probably finish it today.

Jordan - Yesterday he was working on the story point “As a Head Researcher, I should have the ability to make new questionnaires from the front-end so that I can gather both qualitative and quantative data #69”. He was working along with Momchil and Aldrin, he was mainly working on the PHP. He managed to get it so you can make a quiz and with 1 question right now. The problem is that he can only add one question right now. Today he will be working on adding multiple questions to make a full questionnaire.

Bruce – Yesterday he added the definition of done for each sprint backlog item, he revised the sprint goal for this week and the overall product goal. He also began on “As a Lab Manager/Head Researcher, I need the ability to manage all other users in a system so that I can manage their accounts. #81”. He began working on editing a user’s details (emails and password). He will be working on that today.

Mohammed – Yesterday he was working on the user story “As a Head Researcher, I need to be able to export the data as a CSV file so that I can store the results locally on my computer. #8”. He almost has the complete functionality for the export button finished. He will finish it very shortly, the only thing he is unsure about is where it will be placed, but that will be decided on once we have the functionality for the questionnaire built.

Stewart – As for me, yesterday I was working on ScrumMaster tasks, namely keeping the scrum meeting file up to date by recording the scrum meetings and putting them into transcript, creating a chart to track progress, etc. Yesterday I was also working on the user story “As Head Researcher, I need a mandatory consent form to be completed before participants complete the questionnaire so that they are fully informed of what is expected of them. #1”. It mostly went smoothly but I had a big problem. For some reason when I tried to add JavaScript into the html, it would make my code stop working and throw errors. I tried many different workarounds as I thought either my html or JavaScript was coded incorrectly. Eventually I asked Aldrin for help, neither of us could figure it out still. After a while of trial and error, I sent Aldrin my code and he tried to use it on his PC. It worked. We have no idea why it was working on his PC and not on mine. We compared the code line for line, and there was no difference, and when he sent back the file it worked on my PC. We still have no idea why this is the case, but it works now somehow. The functionality is almost complete now and there is just a bit of JavaScript I need to research and add to it today.

**Day [3] - Scrum Meeting summary**

The Scrum Master for this meeting was **Stewart Scrimgeour**

**Members Present:**

Momchil Badzhev, Jordan Keiller, Bruce Miller, Aldrin Baretto, Mikolaj Olejnik, Stewart Scrimgeour.

**Members Not Present:**

Mohammed Tokaria.

**Apologies:**

No Ill students today.

**Summary of Conversation:**

* Bruce - Yesterday, he did not complete user story #81 but he started a new user story, being #82, as it uses the same code or similar. Not too many issues. I clarified this after the meeting, and he will be finishing off #81 first before moving onto #82 to make sure one is done before starting another story point.
* Momchil – Yesterday he was helping Aldrin and Jordan with story #69 and then helped with the story #59 which Mikolaj passed onto him after completed the main functionality with it so he could double check it and add the styling. Today he will finish #59.
* Mikolaj – Yesterday he was working on the full functionality of #59 and then passed it onto Momchil after doing so. The only problem he really had were technical ones, it printed out the question name for each question response, but he managed to fix it. Today he will work on user story #80.
* Aldrin – Yesterday, he was working on story #69, he was mainly working on the JavaScript. The main problem he had was that he was sending the questionnaire data to the PHP and question, but they got it fixed. Today he is working on fixing bugs and making it work efficiently.
* Jordan – Yesterday he spent most of the time working with Aldrin on story #69, mainly on the PHP side. He had similar problems to Aldrin. A problem he had on the PHP side was he had trouble with regular expressions although he thinks he might have found a fix for it. Today he will be implementing the regular expressions fix and if user story #69 is complete, he will move onto another user story.
* Stewart – As for me, yesterday I finished story #1 and then worked with Momchil so he could add all the special specific styling to it. I additionally did all my Scrum Master tasks, updating scrum meetings, the burndown chart and checking up on people regularly and providing assistance where needed. Today I will be looking for another user story to complete, although there aren’t many (1 left, that is not done or not in the process of being done) so I may see if I can help someone with one they are working on. I will also continue keeping up with the Scrum Master tasks.

**Day [4] - Scrum Meeting summary**

The Scrum Master for this meeting was **Stewart Scrimgeour**

**Members Present:**

Momchil Badzhev, Jordan Keiller, Bruce Miller, Aldrin Baretto, Mikolaj Olejnik, Stewart Scrimgeour.

**Members Not Present:**

Mohammed Tokaria.

**Apologies:**

**Summary of Conversation:**

Stewart - Yesterday, as nobody needed help and there wasn’t a user story I could do, I worked on creating tests for the user stories. Additionally, I began on what we would present in our sprint review. I faced no real issues with this. Today I will be working on testing all the user stories using the test plan that I have created. If I manage to do this, I will move onto laying out a presentation and a script for the sprint review.

Mikolaj – Yesterday he finished user store #59, additionally he worked on user story #80. Mikolaj, Jordan, and Bruce also worked on the product backlog and refining it further. One issue he faced was duplication of code between #59 and #80 since the functionality was the same, it is only different in terms of level of access. He couldn’t reuse a previous procedure so to fix this he modified the view for fetching questionnaires in the database with the ID, so he worked in conjunction with the file which fetches all the results. Today he will be working on user story #34. If that gets completed, he will work on user story #82.

Momchil – Yesterday he worked on user story #1, he worked on merging the code with the rest of our product’s code. He had an issue with redirecting the user from the consent form to the quiz page itself. He couldn’t manage to fix it but he has an idea, after doing some research. Today he will be fixing the issue using what he researched. If he gets this finished, he will move onto user story #81.

Jordan – Yesterday he worked with Bruce and Mikolaj, as Mikolaj said. He also worked on user story #95. One issue he had with #95 was questions not displaying as expected because of regular expected. After research, he realised PHP had a built-in sanitizing function and will use that instead to fix this. Today he will be taking Mohammed’s code #8 and factoring it into our current website design as it is in the wrong language and is not compatible.

Aldrin – Yesterday he worked on fixing some bugs in user story #95. A problem with this was that the JavaScript wasn’t accepting duplicate questions, he fixed this by appending the question numbers onto the cells and sending this to the database. After finishing that, he helped Bruce with story # 82, he mainly worked on fixing the query code from mySQLI to PDO. He didn’t face many problems there. Today, he will continue working on story #82, which is switching the query calls’ code.

Bruce – Yesterday he worked on user story #81. The main issue he faced was that he wrote all the code for this in my SQLI and this won’t be compatible with the rest of the project unless converted into PDO queries. So, he found a resource for comparing and will be swapping the SQLI queries for PDO. If he manages to fix this, he will touch up user story #82 as it also need reformatted.

**Day [5] - Scrum Meeting summary**

The Scrum Master for this meeting was **Stewart Scrimgeour**

**Members Present:**

Momchil Badzhev, Jordan Keiller, Bruce Miller, Aldrin Baretto, Mikolaj Olejnik, Stewart Scrimgeour, Mohammed Tokaria.

**Members Not Present:**

**Apologies:**

**Summary of Conversation:**

Stewart - Yesterday I worked on the testing plan and burndown charts as the user stories were re-written and I had to re-write these. I did some testing for sub-tasks of the user stories. Also, I created a rough presentation for the sprint review. No real issues apart from excel being tricky. Today I will finish filling out the testing plan. I will then finish up the presentation and make sure we rehearse what we’re going to say a few times so we’re ready for the sprint review.

Momchil – Yesterday he worked on user story #1 and #8. His issue with #1 was that the research he did to fix it did not work out in practice, so he had to remove the checkbox and implanted a simpler button to agree to consent. With #8, he encountered an issue with calling the export function but Jordan helped him out with implementing it. Today he will be working on getting everything ready for the sprint review.

Aldrin – Yesterday he was working on user story #81 and #82, he has 2 more tasks left to do with this. He didn’t face any major problems, just that testing it out took some time. He just has some of the html and CSS and php left to work on. Today he has to fix some bugs and add the links for the user story #81 and #82 pages to the dashboard of the website, and to only allow the lab manager to access those pages on the dashboard.

Jordan – Yesterday he worked on user story #8. An issue he faced was when data was being exported with a comma in the question(s), it was recognised as a deliver which messed up the format. Today he will be helping with getting ready for the sprint review.

Mikolaj – yesterday he worked on user story #34. One issue he faced was he tried to implement a filter in JavaScript, after some testing the code would never display the results in the right area of the page, nobody could figure this out when asked for help. He tried to use PHP, but this was highly inefficient as you would have to use tonnes of nested queries for it to work properly. Eventually, him and Aldrin worked together, and Aldrin created a procedure to do this which made it a lot easier to do. Today he will be continuing to work on the story and do some final touches on it.

Bruce – yesterday he did some pair programming with Aldrin on user story #81. He also refined all the documentation on all the issues he closed so they were clear as to what was accomplished and gave a reason as to why they were closed. He also edited the pair programming footage recorded. Today he will help prepare for the sprint review and help to finish any of the user stories he could help with.

Mohammed – Today he will work on user story #60.