

Team Reflection: Group 23 Sprint 2

The team has been doing well this sprint. When comparing the workflow this week with the previous week we all feel like there has been an improvement in how each of the smaller teams divided the tasks between them, so that everyone got a fair and manageable task to do. When discussing things we could improve further it was mentioned that the communications between our teams could be improved. Sometimes the communication was lacking a bit, resulting in smaller mishappenings and uncertainty about meetings and so on, we hope to greatly improve this in the next sprint to improve our agile methodology.

We are using the same quality assurance as mentioned last week's reflection, Pair programming, code reviews and testing in order to maintain a working product of good quality at the end of each sprint.

This week's user stories were very much related to the first sprint's tasks since one group worked on implementing the classes created into one abstract sequence of questions, in the form of a continuous quiz, i.e (Take quizzes). The quiz included adding the possibility to tag with one or more of the pre-specified subject tags that could help filter/search for questions in more advanced stages of the program (Tag quizzes with different tags).

This sprint we also worked on the user story (Hints for questions) integrated hints for different types of questions, and we have implemented it in the code in such a way that it will be easy to add new kinds of hints. We also completed the user story (Flashcards - points for each question).

Finally the firebase group worked on improving the current connection to firebase to allow for easier implementation in the future. We did this by creating abstractions and design patterns to make adding quizzes to the database simpler and, at the end, refactored our code so we remove or at least reduce our technical debt for the upcoming sprints.

One of the main focus areas for the next sprint will be to start with the graphical user interface for the application. As of now everything is done via the command line, this however feels quite redundant as it will soon be deleted and as it creates a lot of merge conflicts each time two groups work on different tasks. During the next sprint we've also been talking about connecting quizzes and the questions to the database, thus allowing us to reuse quizzes and questions.



