

# Individual Reflections

## Week 5:

- What do I want to learn or understand better? Consider e.g. teamwork, Scrum, agile processes, technologies etc?

We have improved as a group in our teamwork, communication and this has helped the group through all the sprints to work as agile as possible. We have managed to plan our sprint and follow it in the best way possible. If any obstacle occurred we managed to solve it as a group. I have learned through these sprints about what agile is and what it means to work agile.

Through these sprints I also learned much more about JavaFX and Firebase.

- What is my contribution towards the team's deliveries? How can I help my team do better next sprint?

My contribution towards the team's goal this week was to create a quiz result page. What it would do is when a user completes a quiz the quiz taker would be taken to this quiz result page to be able to see the total points gotten right and which questions were answered correctly or incorrectly. Furthermore I also worked on unifying the GUI styling with some css files or directly in the fxml files. My work was on the takeQuiz as well as the resultQuiz files. Other work was following our definition of done meaning documenting, writing tests and to solve merge conflicts.

- Changes/improvements from last week's reflection?

We have managed this sprint to be completely done with all of the tasks in the sprint backlog, which was not the case last sprint. It shows that our planning has gotten much better by ensuring that we accurately estimate the time and effort required for each task in the backlog. The successful completion of all tasks in the sprint backlog indicates that the team is working well together. However, the team can still improve collaboration by communicating more effectively and sharing knowledge and expertise to resolve issues quickly.

## Week 4:

- What do I want to learn or understand better? Consider e.g. teamwork, Scrum, agile processes, technologies etc?

It seems that we as a group have a good crisis policy which is when a crisis emerges, have a group meeting, discuss the problem and together as a unit find a solution. This skill would help us to stay on track and continue delivering high-quality work, even when faced with unexpected challenges.

We had recently changed from command line to GUI and this conversion has not been the easiest especially in regards to changing between different fxml files and the merge conflicts. I want to continue learning more about Scene Builder and use of fxml files which will help us to create more intuitive and user-friendly applications.

- What is my contribution towards the team's deliveries? How can I help my team do better next sprint?

My contribution towards the team's goal this week was to continue work with the GUI part of the application. It was about making the quiz of type multichoice to be able to handle no hints or hints of type eliminateHint. This week was about to merge different branches and solve the conflicts. Furthermore, discuss more about the design of the GUI also to make the program files more understandable by grouping them in different packages. This week was also about finishing tasks that were left in the sprint backlog. Other work was following our definition of done meaning documenting, writing tests and to solve merge conflicts.

- Changes/improvements from last week's reflection?

We have good crisis management and it showed when during the sprint we got a mail about criterias that we need to think about and the way we as a group solved this sudden mail. We also have gotten better at working with the GUI now and have a united understanding of the design. Other areas that we have improved are discussing problems and coming with a solution together. These improvements can be seen on how the workflow as well as managing problems have been improved compared to previous sprints.

## **Week 3:**

- What do I want to learn or understand better? Consider e.g. teamwork, Scrum, agile processes, technologies etc?

It seems that we as a group have gotten better in planning our sprints and in our communication during the sprint. What I want to learn more about is crisis management as when something unpredictable happens what is the best way to set the priorities, which I believe is important when working in a big group.

About technologies now that we have started with GUI I want to learn more about JavaFX and Scene Builder. Being able to keep the functionalities that we had when using the command line while adding the design for a better user experience.

- What is my contribution towards the team's deliveries? How can I help my team do better next sprint?

My contribution towards the team's goal this week was working together with another team member Omar in pair programming to work with the GUI part of multichoice, flashcards and the taking of a quiz. The work was about using what we had made the previous sprints as the backend and connecting it with the fxml files using the respective class controllers. Other work was following our definition of done meaning documenting, writing tests and to solve merge conflicts.

- Changes/improvements from last week's reflection?

We have been improving in team communication and planning which have had an impact on the workflow during the sprint. Other areas that we have improved are discussing problems and coming with a solution together. These improvements can be seen on how the workflow as well as managing problems have been improved compared to previous sprints.

## **Week 2:**

- What do I want to learn or understand better? Consider e.g. teamwork, Scrum, agile processes, technologies etc?

When it comes to working agile , I believe that I still have the same desire to learn more about planning and communication in a team. Furthermore, being able to adapt to any changes in ideas or sprint, since one of the aspects of working agile is being adaptive to changes.

I believe that we have gotten better with team communication in this sprint but there are still some moments where there have been unclarity, so I would still like to improve in communication so such problems do not occur or at least reduce them.

About technologies it is still the same, I would like to learn about Firebase and its use and implementation in a software project.

- What is my contribution towards the team's deliveries? How can I help my team do better next sprint?

My contribution towards the team's goal this week has been to work with quiz class with one other of my team members Omar. The idea behind the class is to have a class called Quiz, through which we will work with multichoice and flashcards instead of working directly with respective models. The other work during this sprint was to document, write tests and to solve merge conflicts, in other words follow our definition of done.

- Changes/improvements from last week's reflection?

The most impactful improvement this sprint was the communication and sprint planning from last week. This sprint the flow of work has been better because of this improvement. Other improvements were the distribution of work as well as following the definition of done.

## **Week 1:**

- What do I want to learn or understand better? Consider e.g. teamwork, Scrum, agile processes, technologies etc?

When it comes to working agile and in an iterative and incremental way, I want to learn what is the best approach in handling changes of planning. Since one of the aspects of working agile is being adaptive to changes, what would be the best way to be prepared both in technical aspects such as coding and in teamwork.

On the subject of teamwork, I believe there have been many instances where we as a group might be talking about the same idea but not thinking the same. Which caused us to go through each idea again. I would like to improve in communication so such problems do not occur or at least reduce them.

About technologies as of now I would like to learn about Firebase and its use and implementation in a software project.

- What is my contribution towards the team's deliveries? How can I help my team do better next sprint?

My contribution towards the team's goal this week has been to work with one other of my team members Omar, on one of the core features of the application. The multi choice feature will make it possible for the user to be able to create such questions, which can be used later on for studying and as quiz questions.

- Changes/improvements from last week's reflection?

No changes//improvements since this is the first sprint