

Reflection: PhishGuard

By: Simeon Markov

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Project Group: 02

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Introduction

In this final project I will be reflecting on my contribution to the group's work and performance throughout the project. Moreover, I will reflect on the improvements from the previous project as well as focus on my future ones. And tackle communication issues among my group, and how we could have handled the time management better.

My contribution

Planning process:

For writing the project plan document, I wrote the introductory section and was particularly involved in the planning process, as I did the Gaant chart with my group members validating each sprint. I also wrote a short description of each sprint. Moreover, I set up a Trello board for tracking our progress across the different sprints, following the Agile method.

Analysis phase:

I contributed to writing the user stories and MosCoW prioritization. I was responsible for thinking of suitable tools that me and my group members could benefit from as well as writing the requirements (functional, non-functional and technical) as I also validated them with my team members, so that we all agreed to realize them.

Design phase:

In the design document I wrote the following sections: Tech stack decision, database design, Overview of the database and Tables description. During the design phase I participated in designing the pages on Figma, as my page was the admin dashboard. I also went for database-first approach this time, designing the ERD diagram. My struggle in this part was thinking about rightly designing the database, which is very important for the performance of the project, as the relationships between the entities dictate the behavior of the app. At the end I did a proofread and validated the work with my team members.

Realisation phase:

In the realization document I revised the project structure and edited where was necessary and I also wrote the code documentation section and proofread the other sections with my team members. For the realization phase I was involved with the backend, database configuration and external authentication provider configurations. The issues I ran during this phase was the all the configurations and making it work on my team's side. I also set up a GitHub and we all used git for version control over our project's history, with which we had some merge conflicts that we had to resolve.

Testing phase:

I participated in doing the verification and validation of the project. I verified along with my team members that the core features are working and I was involved in doing a validation of the non-functional requirements.

Personal feedback reflection

Checkpoint 7

Situation: We were at the introduction phase of the last project.

Action: By that time we have already picked up a passion project topic and started writing the project plan, analysis and research documents.

Result: We got an negative feedback, because the feedpulse was left without a comment, reflection from our side.

Reflection: I should have taken the initiative to write down the feedpulse rather than waiting for someone else from the group to answer, which resulted the feedback being unanswered. Now when there is an opportunity, I take the initiative and validate with the rest of my group members.

Checkpoints 8-9

Situation: At this stage we were focusing on the design phase of our project.

Action: I was working on the design of my part (dashboard) in Figma and writing my analysis part, required from the project.

Result: We all received notes on how to improve our analysis document.

Reflection. Some of the mentioned notes, I have already incorporated in my part, so I had to only follow the next couple notes for improvements regarding the analysis.

Checkpoints 10-12

Situation: Before a working prototype I wanted to have a validation of the work so far, but we did not make it to gather the whole group, so we have a missed validation opportunity. However, later we did manage to gather and have a validation of our work so far. And at last, we showed our minimal viable product (MVP).

Action: I showed my part of contribution regarding the game logic flow and got a positive feedback back.

Result: After validating that review/test stage, I moved on adding some minor thinks to the app and finishing it as well as preparing for the presentation.

Reflection: I could have tackled the issue with the communication by suggesting a more uniform approach towards organising the group meetings like fixed days dedicated for group meetings rather than readjusting every time the day for the meeting to fit in everyone's schedule.

Checkpoint 13

Situation: Final group project presentation.

Action: I had to prepare my part (technologies used, backend, database), present in front of the class and assessors and participate in the Q&A session.

Result: Overall, we got positive feedback. We did good job with presenting, our slides being mostly consistent and on point content. We all got the comment to improve the plan of the demo (what

to show in advance, since the time is tight). We also got a feedback to have being transparent with Kristiano absence.

Reflection: In the future I will think and suggest ways how we (working in groups) should start the demo of the project and which features deserve to have a higher priority. Regarding Kristiano's absence, honestly speaking I completely forgot about him (and I am sure that I am not the only one, since no one of my group members actually mentioned him during the presentation day). This could be traced back to when we were delegating our tasks and he will not participate in any group meeting and I alongside the with rest of my team members hardly ever have seen him.

Attendance status

During the semester, whenever I will have to be absent, I will notify the teacher of the day via email.

Roll Call Attendance



It could be seen that I could have a better attendance rate, wasn't it for the late days. The moments I will be late is when I will miss to catch the earlier train or have a delayed/cancelled train. In the future I could improve it by planning better my travelling schedule (arranging trains on time, catching an earlier train).

Improvements from the previous group project

Presentation time management:

This time I planned better my part, without being carried away with too descriptive language and be more concise and straight to the point, which left me enough time to showcase my part from the live demo.

Introducing management tools:

This time a Trello board for task delegation and progress tracking was used, giving me and my team members clearer idea of what the state of the project currently is.

Future improvements

Having a fixed group meetings day would be better than advising with each one of the group members for fitting to an unusual schedule, rather think of certain days of the week we can as a group mostly agree on.

Conclusion

Including this (last) group project as well as the previous group project, I learned to adapt to different environments, speaking in front of public and communicate ideas as well as validating them.