Process Report

Sam Brown, Dmitry Lvov, Toms Karklins

Version 1.0
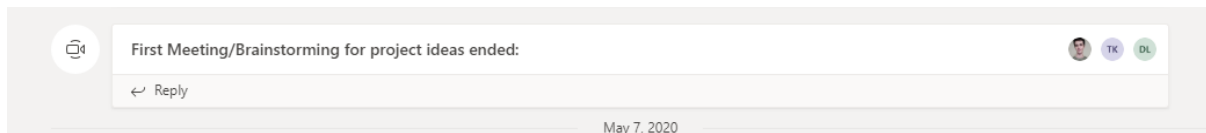
6/14/20

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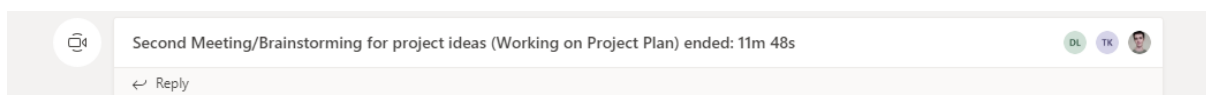
Week 1

During the first week, the group had two meetings altogether.

First Meeting/Brainstorming for project ideas ended:
↵ Reply

May 7, 2020

This was a short meeting in which we read the base out of the project, and the expectations we had as a group together. We discussed how we would work on the projects because we could meet with each other physically. We had decided to meet on Mondays, to discuss what we are planning to do for the week, and meet on Friday to update each other on how we have gotten with our plans.

Second Meeting/Brainstorming for project ideas (Working on Project Plan) ended: 11m 48s
↵ Reply

The second meeting was on the 8th of May. In this meeting, we discussed the brainstorm ideas that we had come up with during the week. During this meeting, we had come up with a backbone for the idea which we had. It would be a Hotel management application.

Week 2

User story mapping discussion ended: 42m 45s
↵ Reply
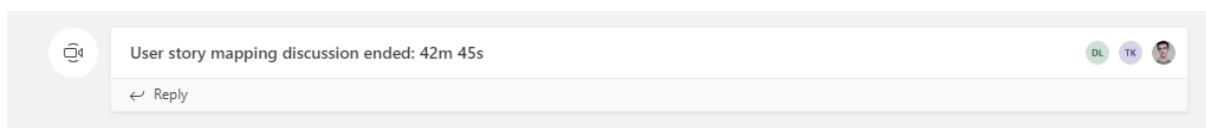
In the first meeting of the week, discussions were started about the URS. Items such as the Product vision, User Personas, and the User story mapping were discussed. We had discussed roughly on the types of people we expected to use the application. Toms had written down these ideas and would focus on finalizing these personas for the rest of the week. Once these where done, Sam would make the User Story mapping with the problems which were drawn from the User Personas.

Pitch your 3rd case-study projects
Microsoft Teams Meeting
Kabzar,Vladimir U.Y.
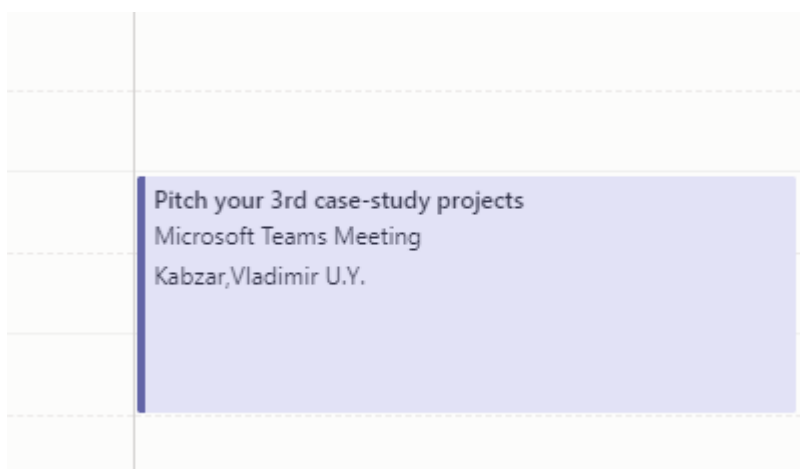
In the middle of the week, we had a meeting with our mentor, Mr. Kabzar. During the meeting, our group showed him how far we had gotten with the deliverables. The User Personas were close to being finished, but some feedback was given on how to improve them. A start had been made to

the User Story mapping, but this was not close to being finished. Mr. Kabzar liked the core concept of our idea but there was still a long road ahead of us to get in finished. Due to Dutch holidays, we didn't organize a group meeting between us on Friday.

Week 3
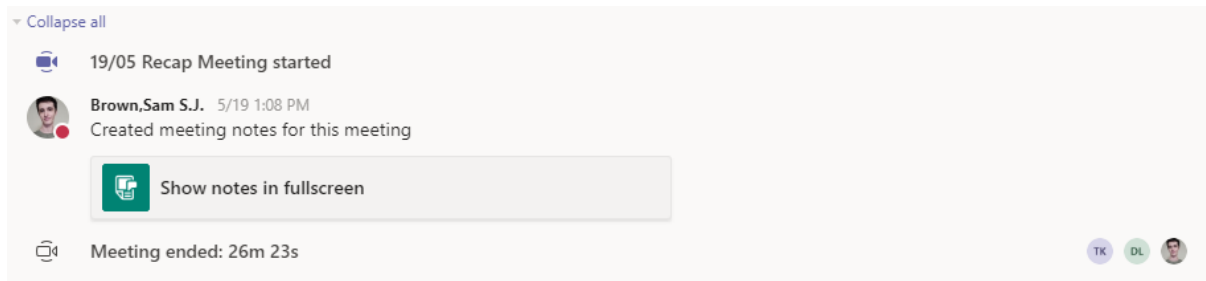
On the 19th of May, we had our start of week meeting. During the meeting, we discussed on how the infrastructure would look like in the hotel, and what applications we would have. We had discussed on how the set-up would look like, and what VM's we would want on the Server's Hyper-V. We also discussed on what features we would want on the Flask application. Further we discussed on what directions we would like to go on work on. Sam would start looking at the Managing and securing side, Dmitry would take care of the infrastructure and tkinter application, and Toms would start looking at the Flask Website.
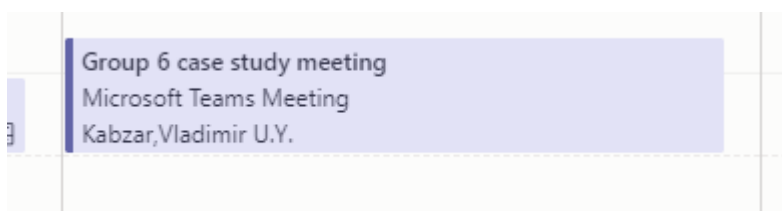

During the Wednesday meeting with Mr. Kabzar, we showed him the progress we had made without URS. This was pretty much complete, however, we did get some feedback points to work on to make it more clear for the reader. The sprint goals could have been clearer, to show the steps towards our first MVP while the user story mapping could have been visualized.
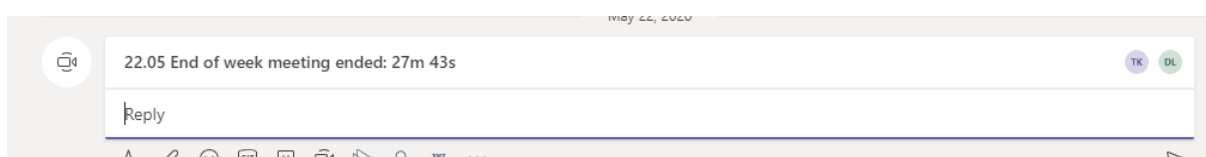

During the end of week briefing, Dmitry and Toms discussed their findings on the research they had conducted over the week. Dmitry had set up a majority of the infrastructure already, such as the DHCP servers and setting up a Domain. Toms had made a start on the Flask website already, with the main page is already made.

Week 4
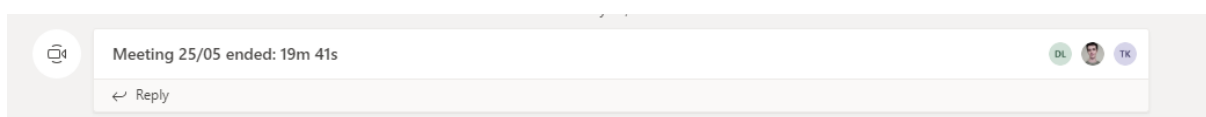
The meeting on the 25th was a short one. We discussed our goals and expectations for the week in each of our areas. Toms was slowly working ahead with the Flask Website, learning how to do the Log-in, and storing the data in a DB. Dmitry had finished setting up the essentials of the Server to replicate the hotel set-up and started working on a Tkinter application, and Sam had started looking into IDS techniques. We'd discussed that Snort would be the way to go, however, this was going to be looked further into.
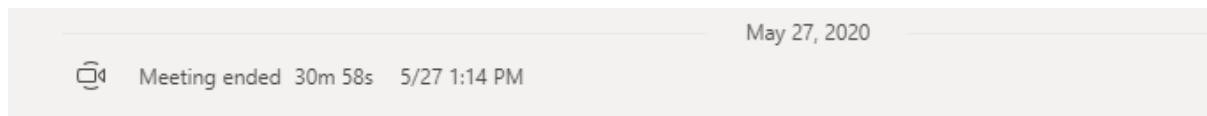

In the weekly meeting with Mr. Kabzar, we discussed the progress. We showed him how far we had gotten with the Flask application, which he enjoyed. However, we, unfortunately, did not have a network diagram ready, meaning that we couldn't fully discuss the infrastructure.
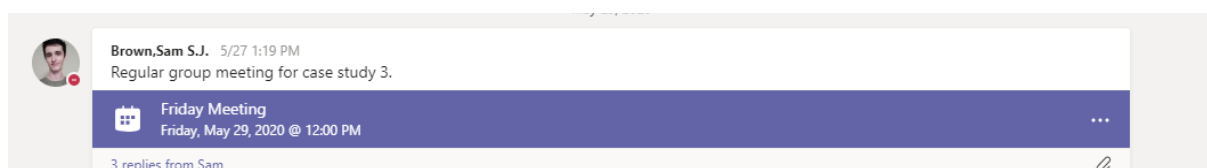
On Friday we had another meeting to discuss our progress.

Week 5-6

The following two weeks were pretty similar in terms of production. We all worked on our separate areas and finishing them off before the deadline. We kept to our meetings as well, both groups and with our mentor.
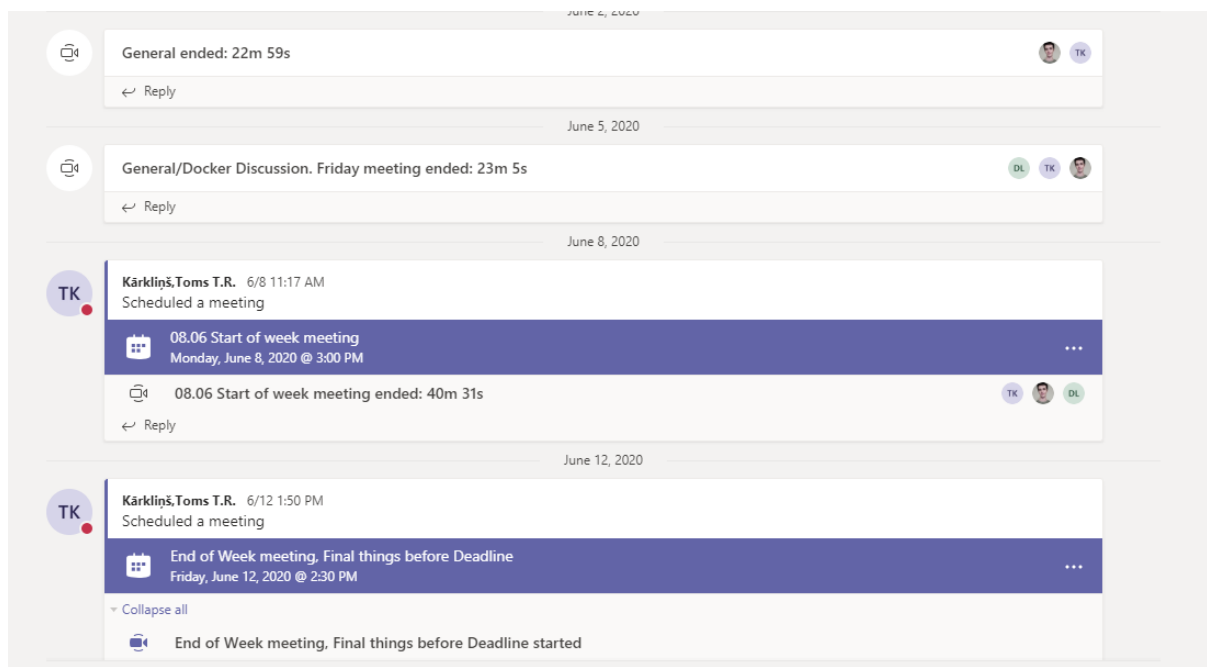
Mark justification

The mark that our group believed that we deserve is in between a sufficient and a good. We believe that we met the requirements that were given to us, and that during the whole case study we worked with a professional attitude. The three of us kept in constant communication throughout the

whole project and kept in touch with our mentor throughout as well. One of the strongest points that we had during the case study was that we gave each other areas to look into that we weren't comfortable in. This was done so that we would set ourselves in uncomfortable positions and challenges ourselves. If one of us had any issues, the member could ask the remaining two members for assistance. Furthermore, we believe that the requirements which were given to us from the mentors, and the requirements which we had set ourselves were met.

However, we do see that our project has a lot of flaws as well. We may potentially have some GDPR flaws and security flaws which may make it easy to hack. This part still needs to be covered in the pen-testing, and the results for this have not yet arrived our way,