Team/Instructor scrum #1

<u>Team member & project (re)introductions</u>

Members: Qurrat and Annoor

Project: Has been changed to a smart mirror project. It has two main scopes that are to be narrowed down during the scrum. The first one is a smart mirror aimed toward people without the ability to communicate using their voice. It will be a smart mirror that can perform operations based on sign-language/gestures. The second one is a smart mirror marketed towards the general population focusing on tasks/functions current technologies don't provide, such as playing videos on YouTube, or making phone calls using the mirror.

<u>Scrum dates</u>

Sept.10, 2021 - Sept. 24, 2021

<u>Status description</u>

The project is currently in the red zone because we have not yet solidified our capstone idea. Throughout the next week, we will aim to solidify the idea and complete our project introduction document and vlog accordingly. By doing so, we should be back in the green zone.

<u>Team members contributions</u>

Since the previous scrum, these have been the following contributions made by the team members:

Qurrat:

- Completed half of the documentation necessary for the vlog, wiki, page and GitHub
- Formatted the wiki
- Researched project ideas

Annoor:

- Completed half of the documentation necessary for the vlog, wiki, page and GitHub
- Formatted the wiki
- Researched project ideas

Project issues

Our main issues so far have been choosing an idea that is innovative but also not too difficult to complete over the course of the year. Our first idea, MediApp, was not the most innovative idea and also was too difficult for us to fully flesh out in two semesters. The next project idea we have is something that is innovative if we market it correctly, and given our experience, we should be able to have a working demo at the end of the project.

Project changes

The main project change is to be approved by Professor Maciag in the current scrum, but was approved by Professor Yow, on Thursday, September 23.

Documentation overview and/or project demo

So far, we have some of the hardware necessary for our project (two-sided mirror, Microsoft Kinect). That is the only thing we have so far.

Next up

In the next several weeks, we are planning on narrowing down exactly what we want this mirror to look like. We are aiming to have the main documents completed such as use-case scenarios, user stories, a business case document, etc. We also want to have begun coding for the body-tracking or complex application display (depending on which way we decide to market the mirror in the current scrum).

In terms of individual contributions, we will most likely split the work between us evenly, however it may be that Qurrat does some more of the documents work while Annoor looks more at the back-end work needed to begin coding for the project.

Team reflection

While our team doesn't feel on track at the moment, we are hopeful about the progress we can make now that we have a project idea approved. We're excited to start working on this smart-mirror project and we feel good about the possibilities we have to make it a success. However, neither of the members have experience with this area of software, so it will be a challenge to learn and apply the skills we need.

While we don't need any help currently, we may need some AI concept clarifications from Professor Yow or advice from Professor Maciag on how to make sure we are setting strong goals for our project.