Supervisor Meeting

22 October 2020

Time: 1300
Location: MS Teams
Attendees: Darragh, Anthony, Michael, Damien

Introduction   Today we asked Damien some questions regarding the project and some ideas we wanted to share with him. Damien also gave us a list of tasks to complete before our next meeting.

From Us

- We have decided to use Latex to produce our dissertation. It had been advised to us that it was preferable to use it as our document editor.

- We discussed the options we had regarding GitHub, we are considering creating an organization but we are unfamiliar with its concept. Damien said a normal repository or multiple repositories would be acceptable.

- We have made progress using OpenCV in tracing and tracking eyes. To that end we are redirecting our efforts into this path rather than EmguCV.

- We are putting further consideration into a survey for Ed's students regarding their mobile phone. It may be important for us to know the average specifications of mobile phones if we get our application running on that platform.

- We mentioned a feature that could be added down the road, expanding the app to do multiple tasks with the addition of Maddocks questions and the ability to record the injured parties responses.

From Damien

- Regarding GitHub, Damien would prefer if our documentation was public, at least anything that doesn't hold the 'secret sauce ingredients'.

- Get the wiki set up.

- Update and expand upon our architectural diagram.

- Have a look into the Hololens as a possible solution.

- Regarding the additional feature, mentioned above, Damien suggested having voice recognition implemented.

- Create a Minimal Viable Project Diagram. Something along the lines of a concentric circle process diagram or road-map, which highlights crucial milestones for the project.

- The idea of an IR camera can into discussion. It may be more accurate (as demonstrated in various projects we have researched) in tracking eye movement. Damien suggested that if it can be put to the department with a strong argument, we may receive funding to purchase one.