Team 21

Project Title: Real-Time Data Visualizer

Date: October 24, 2021

Members:

-Individual 1 - Ami Ikanovic

-Individual 2 - Parth Padmanabhan

-Individual 3 - Isaac Littler

-Individual 4 - Scott Fank

-Individual 5 - Zahydee Machado

-Individual 6 - Benjamin Kelly

-Individual 7 - Elizabeth Nelson

What we've accomplished in the past week/what we've been researching

-Individual 1 - Ami Ikanovic - Testing diagrams, API / Server research

-Individual 2 - Parth Padmanabhan - More research on AR Unity applications and further development on our application

-Individual 3 - Isaac Littler - API prototyping and started setup for Python server

-Individual 4 - Scott Fank - Gathered tools that will help us complete and monitor a "proof of concept" HoloLens application

-Individual 5 - Zahydee Machado - Research the Unity Test Framework and UI design / Work on Testing Plan

-Individual 6 - Benjamin Kelly - Hololens 2 specifications research

-Individual 7 - Elizabeth Nelson - Continued trying to implement applications for the Microsoft HoloLens Emulator

What we're planning to do in the coming week

-Individual 1 - Ami Ikanovic - Set up server with Isaac and create a prototype api call

-Individual 2 - Parth Padmanabhan - Having a bare-bones version of the application that we can try testing other parts of project on

-Individual 3 - Isaac Littler - Finalize API format, complete Python server setup

-Individual 4 - Scott Fank - Test HoloLens monitoring tools and continue finding supplementary resources to aid our early prototype

-Individual 5 - Zahydee Machado - Unity Shader research and mock data tests

-Individual 6 - Benjamin Kelly - Help set up API / Server

-Individual 7 - Elizabeth Nelson - Finding globe assets for Unity AR application, create simple test application for use on HoloLens

Issues we had in the previous week

-Individual 1 - Ami Ikanovic - Not enough time to put into creating a prototype this week

-Individual 2 - Parth Padmanabhan - Using the AR Camera in Unity and using the asset store

-Individual 3 - Isaac Littler -

-Individual 4 - Scott Fank - Trying to sort through inaccurate/conflicting information on available software

-Individual 5 - Zahydee Machado - Other class projects and lack of understanding around some testing techniques

-Individual 6 - Benjamin Kelly -

-Individual 7 - Elizabeth Nelson - Sick all week and was lacking energy to sit at a computer, unsuccessful getting the Emulator to work