PROJECT CHARTER	
Project Name	Mirror++
Date Produced	September 29, 2021
Project Goals	The goal of this project is to create a gesture/voice controlled smart mirror that is oriented towards people with various impairments that make it difficult for them to use standard smart mirrors. It displays basic informational widgets such as weather, calendar, camera, etc. based on gesture and voice recognition.
Project Objectives	The objectives necessary to achieve the project goals is to first and foremost manipulate current gesture-tracking technology to send specific commands to the smart mirror. Alongside that objective, we also want to use voice-tracking to enable voice-controlled commands. Another objective is to create a mirror that is easily accessible by those that can't speak or hear, i.e.. Have an easy set-up / maneuvering. Lastly, the objective of the project is to be able to connect to a google account and be compatible with google smart devices.
Project Budget	TBD
Project Sponsor	The sponsor of our project is Professor Tim Maciag.
Project Manager	The managers of our project are Professor Tim Maciag and Professor Kin-Choong Yow

Additional Key Project Stakeholders
Professor Tim Maciag – Co-Mentor
Professor Kin-Choong Yow – Mentor
Saskatchewan Deaf and Hard of Hearing Services – Potential Stakeholders

Overall Project Milestones	**Dates**
Complete Project Proposal Documentation	3rd October, 2021
Project detects 1 main gesture	22nd October, 2021
Completed Adobe XD prototype UI drawing	22nd October, 2021
Constructed smart mirror hardware	5th November, 2021

Completed bare-bones user interface	3rd December, 2021
Smart mirror can recognize 2-3 main gestures	3rd December, 2021

Overall Project Risks
We may not be able to complete the project to the extent we hope in the two semesters
The gesture tracking technology might not be able to recognize specific gestures in different people