

PROJECT CHARTER	
Project Name	Mirror++
Date Produced	September 29, 2021
Project Goals	The goal of this project is to create a smart mirror that is oriented towards people without the ability to use voice commands. It displays basic informational widgets such as weather, calendar, camera, etc. based on gesture 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. 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	3 rd October, 2021
Project detects 1 main gesture	22 nd October, 2021
Completed Adobe XD prototype UI drawing	22 nd October, 2021
Constructed smart mirror hardware	5 th 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
