PROJECT CHARTER	
Project Name	EZParking
Date Produced	November 5, 2022
Project Goals	The EZParking application aims to eliminate the difficulty in making choices. Through the destination given by the user, it is fed back to the available parking lot with the optimal walking distance. This application will support the organization/university's goal of eliminating traffic congestion within the campus. We will achieve it by providing a system for the users that can navigate to the nearest available parking location to their destination building.
Project Objectives	● Apply Dijkstra and other appropriate algorithms to calculate an available parking location that is closest to the destination building. ● Provide navigation from the users' location to the parking lot generated by the algorithms. ● Provide an administration system that allows the operators to easily add maps and uses AI technology to calculate all the available parking spots on the provided map.
Project Budget	$500
Project Sponsor	Dr. Tim Maciag, University of Regina
Project Manager	ZiWen Tan
Additional Key Project Stakeholders	
N/A	

Overall Project Milestones	**Dates**
Milestones 1.0	September 1, 2022 - October 15, 2022
Milestones 1.5	October 15, 2022 - December 13, 2023
Milestones 2.0	December 14, 2022 - December 31, 2022
Milestones 2.1	January 1, 2023 - January 19, 2023
Milestones 2.2	January 15, 2023 - February 3, 2023
Milestones 2.3	January 19, 2023 - February 3, 2023

Milestones 2.4	February 4, 2023 - February 19, 2023
Milestones 2.9.9	February 8, 2023 - February 19, 2023
Milestones 3.0	February 16, 2023 - March 13, 2023
Milestones 3.1	February 16, 2023 - February 26, 2023
Experience report	March 15, 2023 - March 22, 2023
Poster	March 15, 2023 - March 23, 2023
Overall Project Risks	
Embedding deep learning algorithms into the application might be time-consuming.	
Some functionalities might not be fully supported by Map API	
Scope risk, spending a reasonable amount of time on MVPs.	