Project Title (Team name)

1. Team members

Name	Student ID

Notes: Indicate the team leader (choose wisely a team leader based on your SOEN 390 experience).

2. Project description and requirements

Give a summary of the project and the motivation behind it (why the problem being solved is so important). List the requirements of the project in the same level of detail as the SOEN 390 project requirements. Please be as specific as possible. Generic projects with vague requirements are not acceptable.

Campus Guide Requirements sample

1. Explore the campus map
    a. Support both SGW and Loyola maps
    b. Make shapes for the campus buildings, so that they are easily distinguished from the city buildings
    c. Be able to easily switch between the campuses (toggle button)
    d. Show the building I am currently located in
    e. Show additional information for each building (pop-up information)
2. Outdoor directions
    a. Be able to select a start and destination building (either by clicking on the building or by typing its name)
    b. Be able to have the building I am currently located as the start
    c. Show directions on the map (using Google API)
    d. Support directions from SGW to Loyola and vice versa
    e. Support multiple transportation ways (Walk, Car, Public transportation)
    f. Support for the Concordia Shuttle Service (time-aware and location aware)
3. Directions to my next class
    a. Connect to Google Calendar
    b. Be able to select among multiple calendars
    c. Find the location of the classroom from the next Calendar Event
4. Indoor directions
    a. Be able to locate rooms (start or destination points) in the Indoor maps for a specific floor
    b. Show shortest path directions
    c. Show directions for students with disabilities
    d. Highlight indoor points of interest (washrooms, water fountains, stairs, elevators)
    e. Be able to show directions between rooms in different floors
    f. Indoor directions from SGW to Loyola and vice versa (or from Building to Building in the same campus)
5. Outdoor Points of interest (restaurants, coffee shops, etc.)
    a. Show the nearest X (or based on a range) outdoor points of interest
    b. Show directions to a selected outdoor point of interest

3. Technologies

Justify the selection of development platform, programming language, and tools based on your (positive/negative) experiences and lessons learned from SOEN 390 and/or company internships.

	Technology/ Tool	Justification
Development Platform		
Programming Language		
Agile Project management		
Source code management		
Unit testing		
System testing		
UI prototyping		
Code quality/ Linter		
Communication		
Other…		

4. Preliminary risk analysis

List the most high-probable/high-impact risks and discuss how you will mitigate them.

5. Competitive solutions

Search for competitive solutions, and include the following info
Search terms: list the terms you used in your search
Total competitors examined: include the link for each competitive solution

Select the 3 most relevant competitors, and include a paragraph for each competitor answering the following:
Competitor X (must be clickable link to their homepage)
Describe what they offer
Describe how your solution is novel or superior

6. Product owner information

Describe the company/organization. Provide a link to the company website.
Describe the product's owner technical background.
Describe the commitment of the product owner to the project (how many meetings with the team, how regular meetings, technical support)