# CST-361 Milestone 2 Team Charter

**Team Organization:**

| Team Member | Role | Responsibilities |
|---|---|---|
| Ricardo Monreal | Product owner | Designing and Updating UML diagrams |
| Mann Jaiswal | Team member | Updating database designs and object models |
| Jonathan Couture | Team member | Updating initial user interface wireframe diagrams and updating design report |

**Duration and Time Commitment:**

The team has commissioned to work together for a month and a half. The daily efforts of an individual will average 30% of their time.

**Team Coordination:**

The team has setup communication via emails, discord and meetings through video calls throughout the end of the semester. Confluence is set up and ready to use, so that the team can collaborate and organize all the work in one place. Every team member has the visibility, knowledge and access to the tools to produce their best work.

**Constraints:**

| Flexibility | Least | Moderate | High |
|---|---|---|---|
| **Schedule(Time)** | X | | |
| **Resources** | | X | |
| **Scope** | | | X |

**Peer Reviews:**

Peer reviews will be a requirement for this course and will be conducted after the team has thoroughly submitted the research, ideas and projects. This will help the team in overall to research and publish the merits of manuscripts, the way the data would be generated, interpreted and analyzed. Peer reviews will be held at least once in a week among the team to gain reviews and feedback of individual and team performances.

**Project Requirements:**

The team would be expected to work on designing UML diagrams(Case, Component, Class and Deployment) and to keep updating the design reports to initially build a weather report application and a team charter where all the tasks would be noted to keep the team organized. A cover page is required with technical elements like capturing of solution, object, deployment, initial user interface and database designs with the help of UML, wireframe and ER diagrams. Non- technical elements like planning of work and delivery methodology is also required for this milestone.

**Planning and delivery methodology:**

Project owner to provide regular updates for the project. The project will only move forward if everyone in the team completes their task individually and notifies the team after the completion of the task. One team member can help do the other team member’s tasks if he/ she is stuck and submit it before time runs out. It is important for all the team members to evenly distribute the tasks and work on them. Delivery will be made after the peer review.

**Risks:**

- Our project could be too ambitious and we may not be able to add all of the functionality we would like to in this fast paced semester(7 weeks).
- As this is an online course and we are all working together remotely, there could be some communication issues involved
- Unknown risks would be founded on the emulated IoT service while developing the application.