Total marks: 50

Due: April 10, 2022 (9:30pm)

1. Cover Page
   1. Team members (complete name, student id, section)

[2 marks]

* 1. Project Title

1. Table of contents
2. Statement of the problem (Motivation for the study)
3. Significance of the study
4. Actual Report w/ defense and working application [38 marks]
   1. Proof of progress
      1. This includes but not limited too screenshots, explanation, description, …
      2. Try to link the module/features with your objectives
   2. Be able to communicate with the reader about your project and how you addressed the objectives in a clear and organize approach
   3. Clear and concise steps on how to setup the environment and other resources to run your application
   4. Software Design architecture
      1. UML (use what’s appropriate for your project)
      2. Design Pattern applied w/ clear explanation on why it was chosen and how it was implemented
   5. Tests done with explanations to prove that you have established the significance of your research project
      1. E.g. Friendly user interface
         * How do you know if the potential users see it as “friendly” user interface?
   6. How to setup your application on another machine
5. Instructions need to be very clear.
6. Provide scripts to create the database, table, and able to populate with data
   1. Workload distribution should be clear and fair
   2. Citations
   3. Progress reports (put in the appendix)
   4. Need to submit a working application.

* The “value” of the report is dependent on the working application

Presentation: 10

* Video
  + Length of the presentation: max 15 minutes
  + Do not upload to social media
  + Key Highlights
    - What your project is about
      * Problem you are trying to solve/address
      * Target audience
      * significance of your research project
    - Overview of your plans on how you intend to develop your project
    - Project presentation (prove that it is working)
    - Software Design architecture
    - Able to capture the attention of the viewer
    - Able to convince the viewer
* In-person defense