

Milestone 1:

For my graduate project, I want to learn how to add different kinds of storage systems that can be interfaced with iPhone application and Android. In order to do that, I want to learn how to use the following storage options:

- Learn how to interface an iPhone application with the SQLite for storage.
- Learn how to interface an iPhone application with Firebase for storage.

In order to achieve the above goals, I plan on making a student behavior observation application. The application will consists of three pages:

- Student Information Page: This page will contain the form where the student information may be entered, if it hasn't been done before. This page can also be used to retrieve information about students using the student ID.
- Observation Page: This page will contain different parameters to observe the behavior of the student in the class and all this data will be collected in a dictionary (or similar data type). Finally the observation data will be used to calculate points earned by students in various observation categories. This page will also allow to collect similar information about the a select peer of the observed student.
- Summary Page: This application will show the summary of the Observation Page and Student Information Page. This page will allow changing the student information while observation information cannot be changed.

Flow of information in the application will go from:

Student Information Screen ----> Observation Screen ---> Summary Screen