

**CSE 3421/SWE 5450**  
**Software Design Methods/ Software Architecture and Design**  
**Spring 2022**

**Project Description**

**Brief Project Statement:**

Our project for this semester is to design and develop a software app to provide support to incoming freshmen.

Many incoming freshmen encounter an array of problems stemming from being on their own for the first time in their lives. A student can run into problems in all aspects of his/her life: academic, emotional, social, health and hygiene.

In the absence of support from a family unit, such people would benefit greatly from a system that would act as a daily counselor observing and recording activities and then providing guidance based on an analysis of these observations. The data collection should require minimal input from the student.

**Functional Requirements:**

- The user interface allows the student options to search for support within different categories:
  - academic
  - health
  - social
  - emotional/mental hygiene