1. When a student swipes their ID at the sun lab the ID and the timestamp of the swipe must be uploaded to the database
   1. The database must store this data for 5 years
2. The admin must be able to use the GUI to view a list of swipes
   1. This list must contain the swipe date, time, and ID of the student
   2. The user must be able to filter the list based on time, date, and student ID
3. Initially, the swipes will only contain students but must be able to be extended to allow for other types of personnel such as faculty and staff members
4. Additionally, the GUI and database must be able to be extended to allow the admin to activate, suspend, and reactivate student IDs from entering the system.