

Engineering Requirements - High Level Requirements

1. The student ID number and the timestamp will be sent to the system and saved to the database each time a student enters or exits the SUN Lab.
2. The records of students entering and exiting the SUN Lab will be stored for 5 years.
3. At any time, the authorized person (admin) must be able to see the history of the SUN Lab access.
4. The admin must be able to browse and search the list of students, filtered by date, by student ID, and by time range.
5. The system must be able to be extended in the future to support multiple types of users.
6. The following additional operations, activate, suspend, and reactivate an ID must be supported via an admin account.