Student App Quality requirements for management of USU Membership:

* Security:
* The app needs to be able to protect the data of the students using it, as it is very personal data.
* The system shall implement a multi-factor authentication (MFA) process for registration. At a minimum, this shall involve:
  + Verification of a valid university-issued email address.
  + A one-time passcode (OTP) sent to that email or mobile number.
* Once registered, a student shall only be able to view and edit their own personal data.
* Stores these credentials using encryption when first signing up.
* Performance:
* The app needs to ensure that it stays smooth and responsive, no matter how many users are on it simultaneously.
* Queries such as registering need to be responsive within 5 seconds of time.
* Once signed up, a message is displayed to tell you it was successful to ensure you know it worked or takes you to your registered account.
* The system shall be capable of successfully processing at least 70 new student registrations per minute during peak usage times for example: at the start of the academic year.
* Reliability:
* The app and its subsystems need to be up and running at appropriate times, such as 8 am to 9 pm, seven days a week. This is to ensure there are time slots where everyone has a chance to sign up for what they want to do.
* Ensures that only one registration can occur per user so that no person can have multiple accounts.
* If the system was to fail, then it would need to be designed to ensure that no corruption of data and makes sure that the user can restart their registration without problems.
* Scalability:
* The subsystem shall be designed to scale horizontally; this means the system needs to be able to handle a 200% increase of concurrent registration events (from 70 to 140)
* The database should be designed to a scale of which it can support the entirety of every university’s students that are using this system, roughly 170,000 registered students or 10 full universities.

. structure of meetings and forms of communication

. table of outlines of meeting – who ran them, agenda and such

. full meeting notes

. documentation of work