**Feedback received on April 2nd**

1. What if user have no phone to scan
2. Security challenges as we are getting user mobile config file.
3. **Question:** Why can’t Student come with QR code and instructor can scan students QR code. **Answer:** It not user friendly, as instructor will get interrupted each time when student comes into class as students can also come later the class start. Moreover, if many instructors are using our application all the instructor should have their own device to scan so it not cost-effective solution.
4. We are generating new unique QR code for each scan so that Student cannot generate QR code any other means and scan the attendance from any location.
   1. **Question:** Do Instructor always need to generate QR code manually for each student.

**Answer:** No, Instructor has to generate QR code only once the starting of class later our system will generate new code for each scan.

1. **Question**: Why are we generating new code for each scan we can send location details to server to identified whether student is scanning from outside or in class.

**Answer:** What is student get the QR code details and generated QR code using some online application and scan the same from outside the scan (next to door in the same building). So having location details cannot stop student cheating.

1. **Question:** What if student scan from his account and logout and login with his friends account and scan?

**Answer:** As student will be in front of instructor they will not have that much time to logout and login but then this is good input we can think of this scenarios and get with the solution, because student can cheat if instructor is not in front.

1. Try to give live application by April 9th so that we can get enough time to fix bugs if users found any and to incorporate feedback.
2. Should document the below details:
   1. Challenges and all the resolution
   2. Implementation level flow
   3. Brief about all the technologies used and also explored and why we chosen the specific.
   4. System Architecture

Challenges:

1. Establish Socket level communication between client and server.
2. Ionic UI Implementation as our should look similar in any device like Android, IOS and windows.

Implementation Architecture