CSE 535 – Mobile Computing – Assignment 1

Group 18

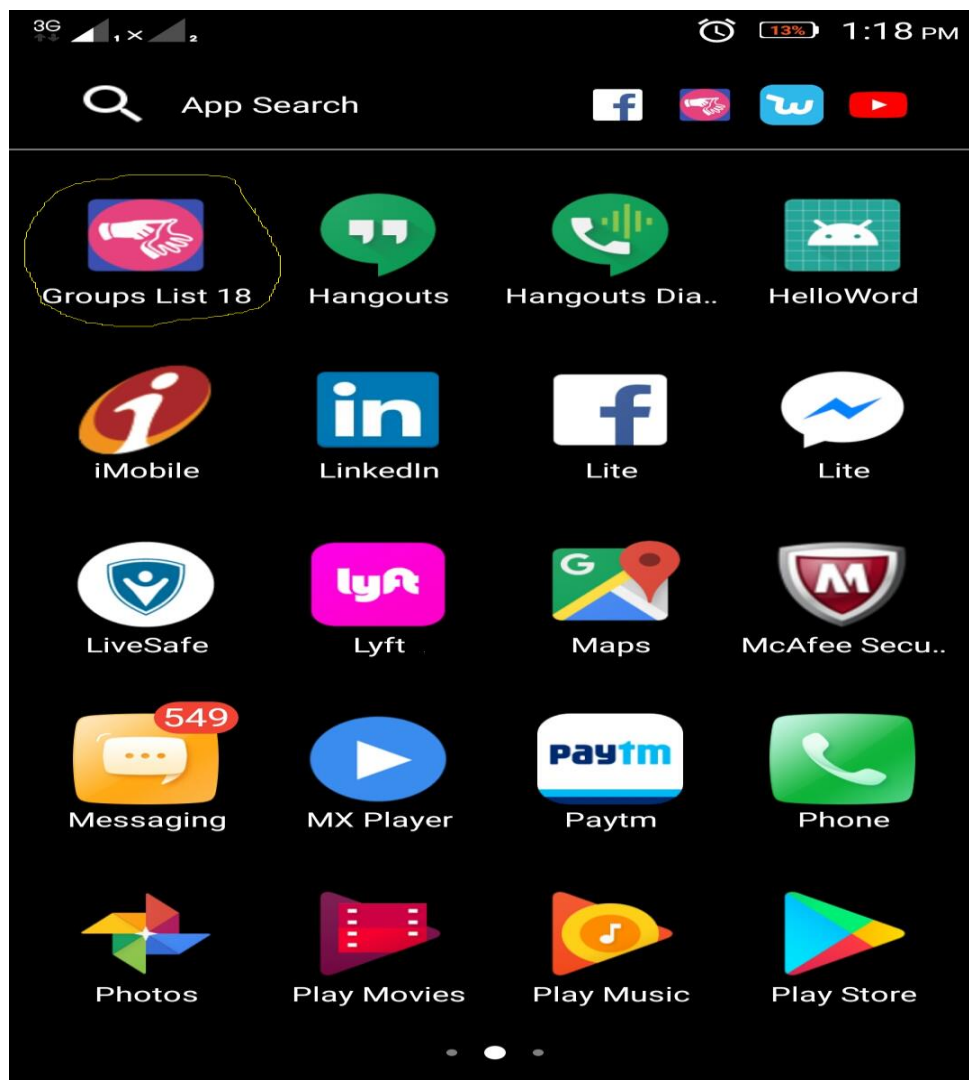**Part 1:**

    a. Demo Video Links
       https://youtu.be/eGrfa4v1n-w
       https://youtu.be/GUUubQTBYM8

    b. Changing the name and icon of the Learn2Sign mobile app:
       Screenshot:

    c. Uploaded all videos to specified url http://10.211.17.171/Learn2Sign/uploads/

Part 2: Practice Module

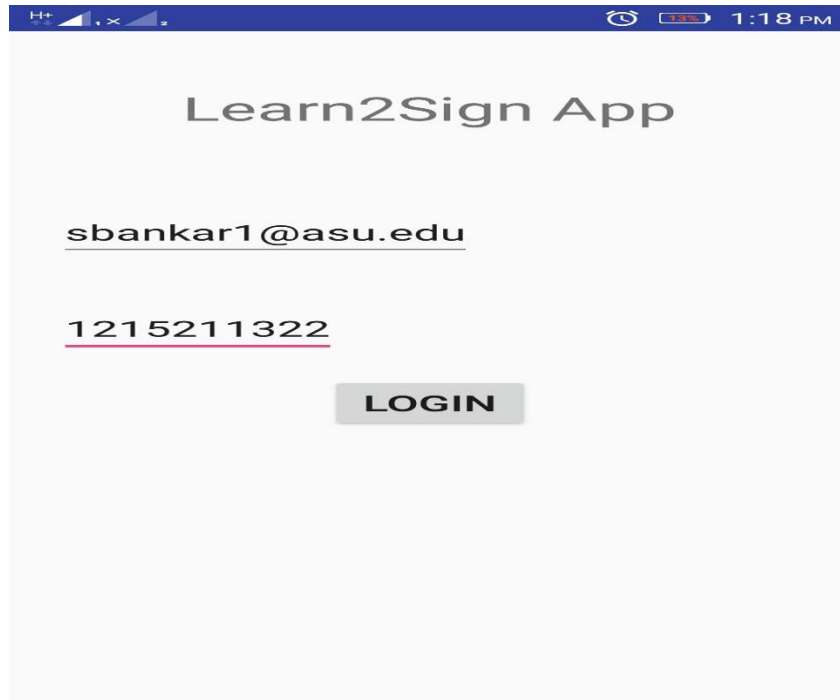   **a.** **Demo Link:** https://youtu.be/FawgLOo2jaM

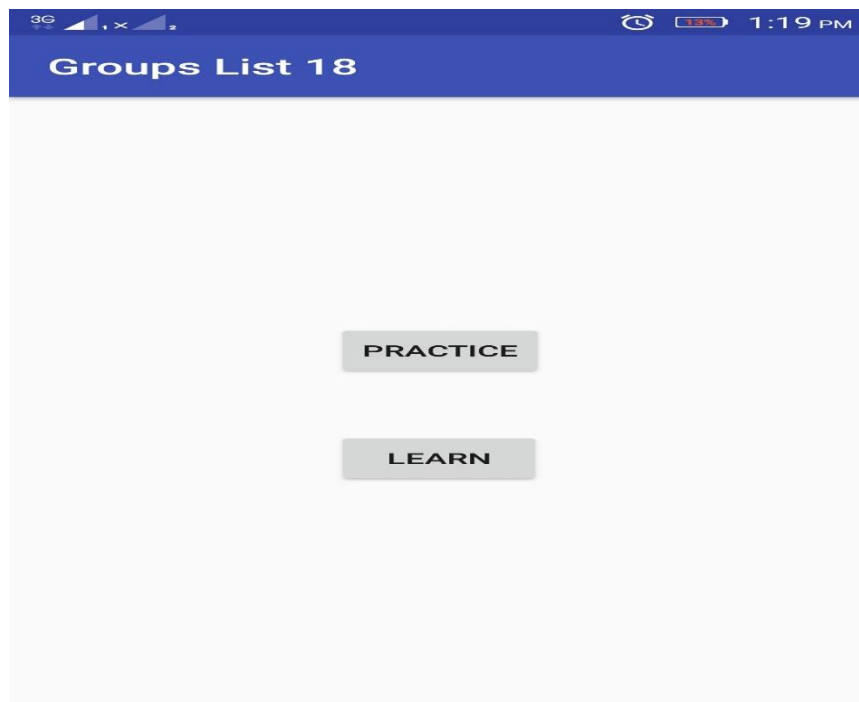   **b.** Flow Chart of Practice Module
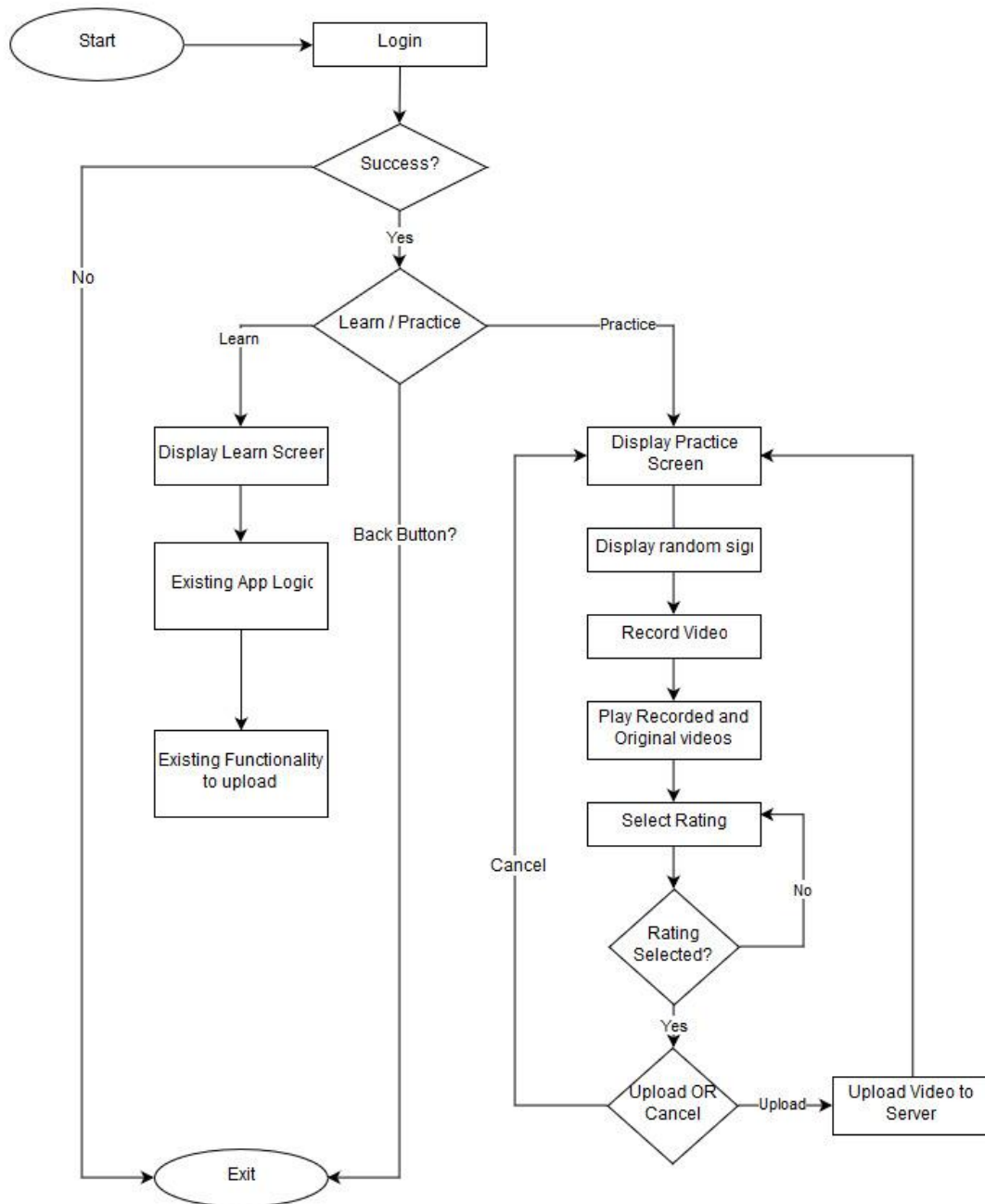
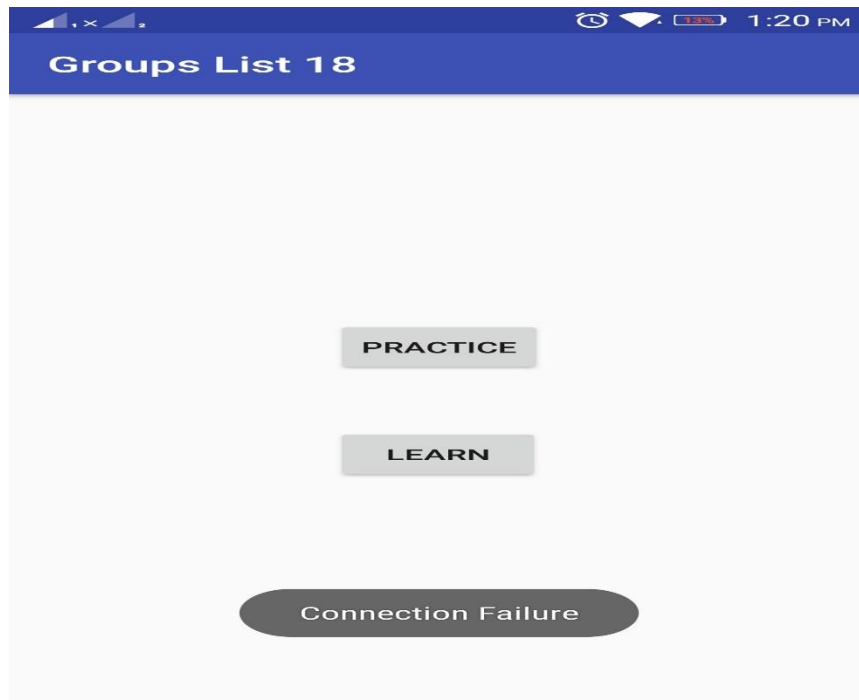**c. Flow wise Screen Shots:**

1. User needs to login to app

2. After login, new screen will come up where user can select between Learn and Practice module

3. If there is some issue while connecting to server, "Connection Failure" message will get displayed

4. If user Selects Learn module, we are redirecting to old app's flow

5. If user clicks "Practice" button, application will check if there are total 75 videos uploaded in learn module. If uploaded successfully, application will allow user to proceed further and display a randomly generated sign on screen and user will see the "Record" button
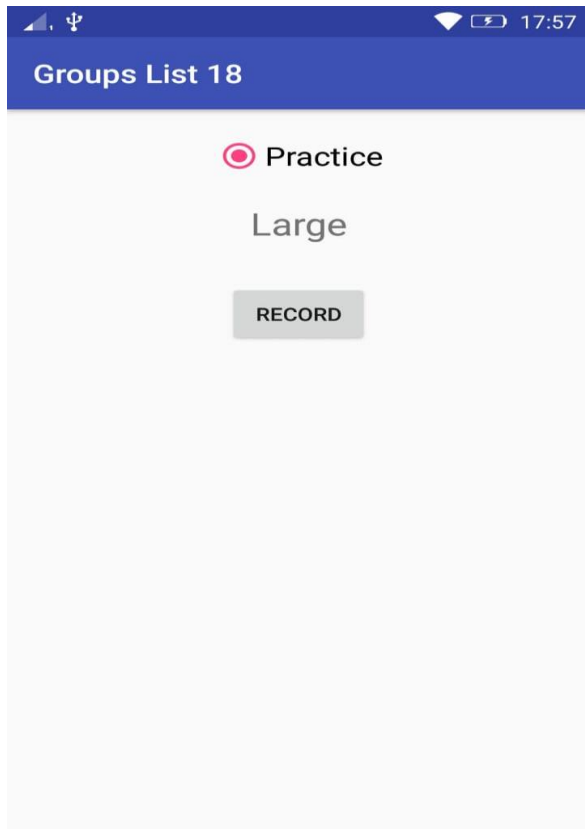
6. Once user clicks RECORD button, camera will show up and recording will start after end of timer.

7. After recording video, both original video and recorded video will play on same screen and user will be asked to rate the performance. If performance is not given, application will ask to rate the performance.

8. If user clicks cancel, the video will be deleted from local storage and app will generate next random sign for user to practice.
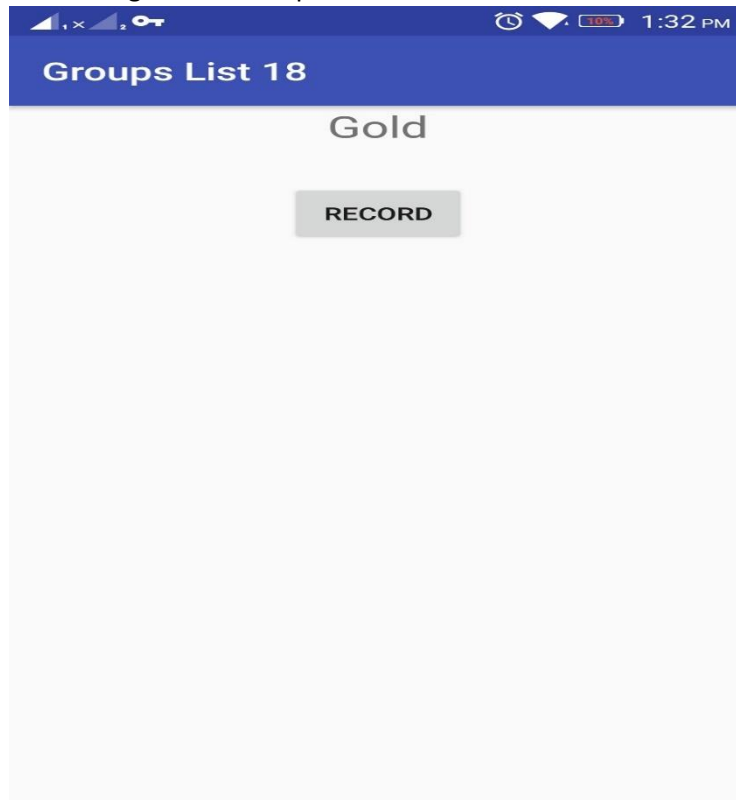
9. If user clicks upload button, video file, along with log file will be sent to server and then, system will generate next random sign for user to practice. Once previous video gets uploaded successfully, success message will get displayed on screen.