

Programmer Documentation for Agora

MainActivity

- Layout: activity_main
- Buttons: Log In, Sign Up
- Main screen, login/create user account using Firebase
- If login/account creation successful, calls HomeActivity

HomeActivity

- Layout: activity_home
- Buttons: Join Session, Create Session, Quit
- Home Screen, join/create session or quit
- If quit, calls MainActivity (back to main)
- If join/create session, calls MapsActivity and SessionActivity

SessionActivity

- Layout: activity_session
- Buttons: Help Queue, Discussion Forum
- Retrieve user info (student or instructor) and calls either QueueActivity or Messaging Activity

QueueActivity

- Layout: activity_queue
- Creates the help queue
- If user id is student, student name will be added to queue
- If user id is instructor, instructor is given permissions to view queue and remove students

QueueAdapter

- Layout: queue_entry
- Sets up name in the queue

MessagingActivity

- Layout: activity_messaging
- Buttons: Camera
- Creates the forum for user messaging, calls CameraActivity if button is clicked

MessagingAdapter

- Layout: message_entry
- Sets up user name and message on the screen

CameraActivity

- Layout: activity_camera
- Initializes camera to take photos and stores them in image gallery

MapsActivity

- Retrieves current location of user or finds location of other sessions