RIT TUTOR APP

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Purpose -

It allows RIT students to schedule a tutoring session through app.

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Features

Drawer Menu & Bottom Navigation (3 fragments)

MVVM Structure

Tutors list -> Tutor person's information

Request a tutoring session & directs to email application

Sessions list for keeping records

Wish list

Firebase Cloud Messaging for implementing messages (allows user to interact with a tutor)

Load a recorded tutoring session via Zoom video on APP

Implement Date picker and Time picker in a dialog to allow user to select data & time while requesting a tutoring session

Add filters & autocomplete for the tutor list view

Implement Notification with Firebase

Libraries

Firebase Real-time Database & Storage

Picasso - loading images with URL

Navigations & Navigation UI

Lifecycle for MVVM

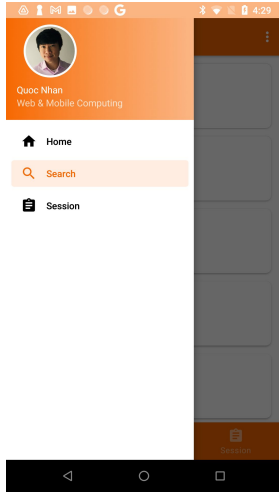ShapeImageView for customizing shape & stroke of image

Bugs/Fixes

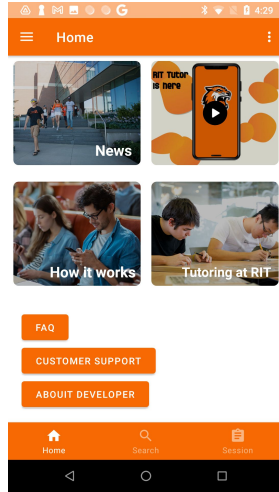Tutor listView and tutor detail page are visible together on one page (fixed)

Adapter is null and crashes when the listview is opened (fixed)

Passing data and directing to a fragment, a dialog, another activity(email & browser) from previous fragment instead of mainActivity is complex (fixed)
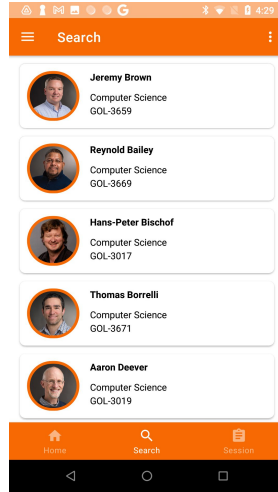
Firebase database doesn't accept when data in json file is imported into due to incorrect json format (fixed)
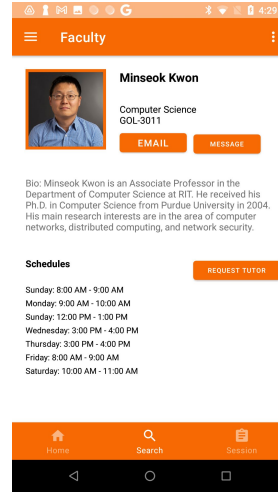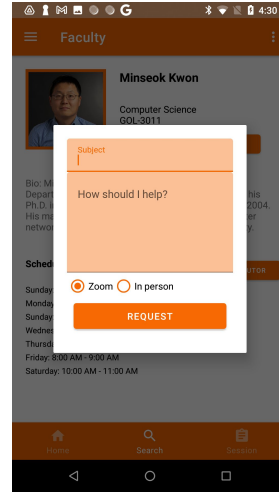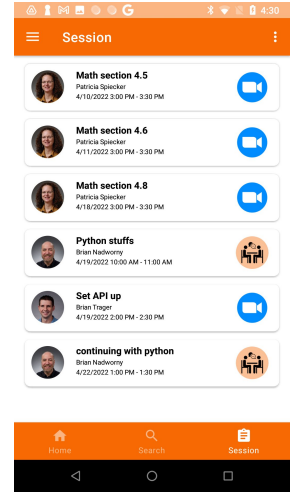
Drawer Menu

Home Page

Tutor List

Tutor Detail

Request session

Session List

Short video