# Profile, Map and Swipe pages Research

Overview of the process

As a platform for coding, our group decided to choose Android studio because we decided to make an application for android platform for now. After installing required application, the next step was to start coding. As for the coding part, some YouTube tutorials were followed and also documentation regarding different aspects of the code such as exceptions, errors or bugs. Some links to the videos and webpages will be displayed at the end of the document.

**Explanation of the pages**

1. The swipe page retrieves data from the json file, which should be updated, with information from the database. Swipe page is using SwipeDecor plugin for animation and construction. Implemented two methods of card selection: swiping and pressing buttons to like/reject user.

2. The profile page, in which user can update his data such as Photo and description, was made with the help of Flutter plugin. The name is automatically inserted from database after registration.

3.Map page is using google maps API and made in such way that user can see his location and should see other users around.

Sources:

Youtube tutorials

<https://www.youtube.com/watch?v=g9YblXBQ5uU>

<https://www.youtube.com/watch?v=SJW_4UMXbu8&list=PLxabZQCAe5fio9dm1Vd0peIY6HLfo5MCf&index=3>

<https://www.youtube.com/watch?v=xTGyUUsOTAQ&list=PLxabZQCAe5fio9dm1Vd0peIY6HLfo5MCf&index=6>

<https://www.youtube.com/watch?v=L5M596DWETg&list=PLxabZQCAe5fio9dm1Vd0peIY6HLfo5MCf&index=7>

Documentation:

<https://janishar.com/PlaceHolderView/docs/sphv-view-builder.html>

<https://firebase.google.com/docs/reference/android/packages?authuser=0>

<https://developers.google.com/maps/documentation/javascript/geolocation>