

# Where to eat?

Hey guys, this year isn't about going to restaurants, meanwhile we can explore some of them at home and make an order, to get some good food and let our home made "specialties" rest a while. According to this we will do a little app as a project during Android courses, where we can explore restaurants and expand the data we have from the [BE](#) with our experience.

The goal is to have an app which works (those apps that are crashing or can't be built are not accepted) well, we can have a profile, a local database where we can persist our experience, get data from the BE as mentioned, list it, review it one by one.

What we need and what is mandatory:

- Screens:
  1. Splash(Loading/Start) Screen
  2. Main Screen - with the restaurant's list, paginated
  3. Detail Screen - each restaurant has its own page, that can be accessed from the list item, when you tap it
  4. Profile Screen
- Components that you have to use:
  1. Activity (max two)
  2. Fragments
  3. RecyclerView
  4. Room and/or SQLite
  5. Constraint Layout
  6. Retrofit
  7. Glide

The design and UX is on you, just make sure, that is sample, shiny and usable, you Android basic design components and colours.

## Splash(Loading/Start) Screen

Here you can have a loading, where data is initialised, based on the profile section and when the user gets from here to Main Screen, the data is already loaded.

## Main Screen

Here we have the main list with the restaurants, paginated. You can do text search or filtering by Favorited data, City list, Price options. Each item has to have: Title, Address, Image, Price, Favourite icon (with this you can favourite it in/out).

## Detail Screen

On the detail page you can view all the details of what [BE](#) returned and edit it according to the possibilities. These possibilities are: Favourites, Add/Delete Images. Other things: open

Google Maps with the coordinates of the restaurant, call the place.

Regarding displaying the images (at all the options in the app), if you have added your own ones, then they are prioritised and those should be displayed instead of the ones from BE. In the case when you have not added images by your own, then display BE image or if not exists then a placeholder.

## Profile Screen

Here you can manage your own profile, what has to contain:

- Name
- Profile pic
- Address
- Phone number
- Email
- List of Favourites restaurants

### Side notes:

1. You need to use ROOM or SQLite to save local data.
2. In case you are not using BE component you have to create the whole structure of the data and have possibility to add/remove/edit these (restaurants)

### Grading:

- Having profile, with local database **(3 points)**
- Data with BE, list with pagination and according functionalities **(3 points)**
- Update data with own pic and possibilities of manage favourites **(2 points)**
- Detail section with mentioned things **(1 points)**

### Important Deadlines:

You should create a public **GitHub** repo until **15th November** and send its link to one of the following email addresses:

- [ggero83@gmail.com](mailto:ggero83@gmail.com)
- [madarashunor@gmail.com](mailto:madarashunor@gmail.com)
- [manyi@ms.sapientia.ro](mailto:manyi@ms.sapientia.ro)
- [palmarozalia.osztian@gmail.com](mailto:palmarozalia.osztian@gmail.com)

All the projects will be graded in the last teaching week of this semester 14th December - 18th December, therefore the **last commit** should be before **12th December 23:59**.

**Good luck!**