

## General description - Brief

A company needs an app in order to allow barbers and hairstylists to manage their client appointments - let's call it **Styler**.

The app should allow clients to see multiple barbershops or beauty salons and schedule appointments for different services. The scheduled services can be paid in-app or on-site.

The key users that will interact with **Styler** will be the stylists and the clients. Stylists can be employed in one or more salons and each stylist will have his specific schedule per location based on half-an-hour windows.

To schedule an appointment, the client should have their name and telephone number filled in their profile. Clients can select different services like hair-cutting, colouring and styling, waxing, nail treatments, tanning and massages. Every service can take from half-an-hour to 4 hours, depending on the stylist.

### Requirements:

1. **Styler** app should allow clients to save their reservations in their Gmail calendar;
2. App's background color should be pink;
3. Authentication of a user when he/she tries to log into **Styler** app;
4. Booking confirmation mails should be sent as soon as possible.
5. The customer appointment should increase with 10%.
6. Administrators should be able to create accounts for new users only by completing some mandatory fields such as: first name, last name, email address, password;
7. The salons listing should load in maximum 2 seconds.
8. Each request should be processed within 5 seconds;
9. Only the salon employees have the right to view all the reservations made and their client info;
10. Every time a client misses a reservation, the information must be counted in the database;
11. The existing client accounts should be migrated to the new application;

## Exercises (Lab 6)

1. Identify the types of requirements that you can find through the business case (30) - practical example for Job portal study case
2. Determine entities for the study case (CRUD pattern) (10)
3. Discover roles, permissions and end users for the study case (15)
4. Start functional decomposition for our study case (30)
  - a. Think of assumptions and limitations for a few of the functionalities from the functional decomposition
5. Define 1-2 user stories from the functionalities in the functional decomposition (10)