

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 7)

1. Choose a feature from the functional decomposition of the study case and list all the requirements based on this feature. (30)
2. Try creating 1-2 user stories with acceptance criteria based on the previous list of requirements. (15)
3. Prioritize the list of requirements using Moscow technique and mark what would be the MVP for the feature (10)
4. Create an activity and state diagram for the feature. (40)

User story:

As a guest user (not authenticated) I want to see the reviews of barbers so that I can better choose the stylist I want to go to.

AC1 The guest user checks the reviews - positive

Given reviews have been given to at least one or multiple barbers

When guest user reaches a barber's details page with reviews

Then he can see the list of reviews associated with the barber/stylist AND can use the pagination to see all the reviews.

AC2 No reviews are available for a styler - negative

Given that no reviews were submitted on a barber's details page

When guest user reaches the barber's details page

Then a message is displayed stating that there are no reviews for the specific barber OR the reviews section is missing

Feature - Create appointment

Requirements - On barber details page

1. List of services
2. Select date and time
3. Recommendations stylist if the date, time not available
4. Add notes relevant to the stylist
5. Confirmation of appointment - SMS,
6. Email confirmation
7. In app confirmation
8. Reminder of appointment - 1 day before
9. Submit appointment (captcha)
10. Estimate price based on services

MUST	SHOULD	COULD	WON'T
1	3	4	7
2	6		
5			
8			
9			
10			