**Software Engineering CEN 302**

**Project**

**BINF III C**

**Group members:** Adela Kaçorri, Adela Kondakçiu, Griselda Ramadani, Megi Lala

**Group leader:** Megi Lala

**Roles:** Design the code for the clients, login and registration parts, create the database- Megi Lala, Adela Kaçorri

Design the code for the workers, where shown their profiles and appointments- Griselda Ramadani, Adela Kondakçiu

**Identified problem:** Commonly when someone wants to book an appointment at an esthetical center, they either need to direct message them on Social Media or make a phone call. Hundreds of messages or calls can be made during a very short period of time and managing it can be very overwhelming and time consuming for the workers and clients. The client messages may not be opened, deleted by accident, left on read or even someone that has written before someone else may be left without an appointment due to poor management of the schedule. Canceled appointments also appear to be a problem.

**Solution proposed:** Proposing a quicker way for clients to make their appointments through the application according to their preferences. Helping workers manage their time and work.

**Aim:** The aim of our project is to create an application that can simplify the work of the employees and go through the appointments made by the clients in this application. Workers don’t have to keep track of the appointments that clients make everyday through the phone or Social Media, they can just check the scheduling shown in the app. On the other hand, clients can decide which time is appropriate for them according to the scheduled calendar of available dates.

**Objectives:**

* Creating a functional application to book appointments
* Registering the clients that want to book an appointment
* Displaying the available time for each type of service
* Displaying the reservations
* Having the ability to cancel the appointment without disrupting the normal activity/schedule

**Description of application:**

The application will consist of the main page where the clients and workers can sign up or sign in by selecting the type of user they are. Once registered, they will be able to login and access their profile.

Regarding the client, once logged in they can have the possibility to see their profile. It will include their name, last name, username, date of birth, phone number and email address. On their Reservation page, they will be able to see all the reserved appointments they have made. For the upcoming ones they will have the option to cancel it 3 hours in advance. On their Book page, they will be able to book an appointment by selecting the type of service they want and the hour which is still available.

Regarding the workers, once logged in they can have the possibility to see their profile. It will include their name, phone number, email address and the type of service they offer in the center. In the Reservation page they will be able to see the reservations made and can have the option to cancel the appointment.