

MyBarber

Introduction

The purpose of this document is to provide a general overview of the MyBarber application, the requirements that formed the basis of the project and its elements of novelty compared to existing systems.

MyBarber offers the possibility to book an appointment at a salon, allowing you to search for it through his name or by location. For each salon the system allows you to see the services it offers and choose them for the seat you are booking.

MyBarber also offers a small shop where you can buy professional products offered for sale by barbers, the ability to accumulate points at each new purchase and use coupons to get discounts.

For the owner of the salon, MyBarber offers the possibility to manage its salons and the products it uses, as well as the opportunity to see the appointments of the day in order to be able to better organize.

MyBarber can run on Windows, MacOS, and Unix-like operating systems; internet connection is required to run it.

MyBarber can be compared with the following existing systems:

- Amazon. Amazon is today one of the most well-known e-commerce services in the world:
 - Common elements. Both systems are e-commerce that allow various merchants to sell their products;
 - Advantages of MyBarber. MyBarber is a small e-commerce, but unlike Amazon, specializes in selling hair, beard and mustache care products, which allows the user to easily find specific and professional products. In addition, compared to Amazon, MyBarber also allows a collection of points that can be redeemed in coupons to be used for subsequent purchases;

- Disadvantages of MyBarber. MyBarber does not have the logistical power of Amazon, but the delivery of products relies on external couriers; the system also does not allow sellers to set up discounts on products and does not allow customers a detailed search.
- www.magental.com. This is a website for booking a session at a salon:
 - Common features. Both systems allow the booking of an appointment at a salon;
 - Advantages of MyBarber. MyBarber allows you to collect points within the system that can be redeemed in coupons to use in the shop; the shop itself is not offered by Magenatl.
 - Disadvantages of MyBarber. Magental allows you to release a review of the salon, which MyBarber does not allow you to do.

User Stories

1. As a customer, I want to make an appointment, so I don't have to call the center to schedule the session.
2. As a customer, I want an area dedicated to products, so I can buy professional products.
3. As a customer, I want to get coupons, so as to save on my purchases.
4. As a customer, I want to save a barber among my favorites, so that I get notifications when he/she adds a new service.
5. As a customer, I want to look for a salon by city, so I can know the ones in my area.
6. As a customer, I want to be notified when I book an appointment, so that I have a booking reminder.
7. As a barber, I want to see the appointments of the day, so I can organize my activities.
8. As a barber, I want to add my own products, so I can sell them and have new income.
9. As a barber, I want to add my own salon, so I can sponsor it and introduce it to new customers.
10. As a barber, I want to see the orders placed by customers on my products, so that I can ship them.
11. As a barber, I want to show the services I offer, so as to get new customers.

Functional Requirements

1. The system shall provide a booking procedure at a salon.
2. The system shall filter the salons by:
 - a. name;
 - b. town.
3. The system shall update the customer's point* balance after:
 - a. a purchase (equals to cart total price);
 - b. a reservation (10 points).
4. The system shall provide coupon generation by redeeming points*.
5. The system shall apply a discount to the price of an order when a coupon is applied.
6. The system shall notify interested users* when services are added.
7. The system shall provide an appointment list based on:
 - a. date and time;
 - b. salon.
8. The system shall provide the adding of:
 - a. salons;
 - b. services;
 - c. products.
9. The system shall provide a list of orders commissioned to a barber* indicating:
 - a. list of products ordered;
 - b. telephone and address of the client*.
10. The system shall provide login with Google.
11. The system shall provide two types of coupons:
 - a. subtraction: subtract coupon value from price
 - i. 5€ - 200 points;
 - ii. 10€ - 300 points;
 - iii. 20€ - 400 points.
 - b. percentage: subtract the percentage of coupon from price
 - i. 15% - 150 points;
 - ii. 35% - 275 points;
 - iii. 50% - 500 points.

**Glossary*

- Interested User: user who has placed the salon in the list of favorites.
- Barber: owner of the salon.
- Client: customer who orders an order.
- Points: points accumulated by the customer.