

The image shows a screenshot of the Book & Beaute mobile application. At the top, there is a decorative header bar with horizontal stripes in gold, teal, orange, and dark grey. Below this, the app's logo 'BOOK & BEAUTE' is displayed next to a circular icon containing a stylized 'B'. To the right of the logo, the text 'Book & Beaute' is written in a bold, black, sans-serif font. On the far right of the header, there are four small icons with accompanying text: a person icon labeled 'ADMIN', a person with a hairbrush icon labeled 'BARBER', a calendar icon labeled 'APPOINTMENT', and a user profile icon labeled 'USER'. The main content area features a large, slightly blurred photograph of a modern salon interior with wooden floors, several styling chairs, and large mirrors. Overlaid on the left side of this image is white text that reads: 'Streamline Your Salon Business with Book & Beaute App'. Below this, in smaller text, it says: 'Effortlessly manage appointments, staff, and clients with our intuitive Book & Beaute App.' In the bottom right corner of the main image, there is a smaller, sharp photograph showing a clear view of the salon's interior, including its layout and equipment.

Book & Beaute

Advance Java (01CT1623)

Project Report

03.05.2024

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Abstract

A Java based Web Application which uses JSP, MySQL and Tomcat to book an appointment for a Personalized Barber Shop. It can Create and Manage - Barbers, Customers and Appointments.

1. The Frontend is developed using Java Server Pages (JSP).
2. There are 3 different modules:
 - 2.1. Admin
 - 2.1.1. This module manages the barbers in the salon.
 - 2.1.2. Also it watch over the total customers and their appointments
 - 2.2. Barber
 - 2.2.1. This module shows total appointments requested to that barber.
 - 2.2.2. Also a dedicated timing can be given in the comment of the appointment request.
 - 2.3. Customer
 - 2.3.1. This module books an appointment.
 - 2.3.2. Also shows the history and status of the appointment.

Project Description

The "Book and Beaute" is a comprehensive Java-based web application tailored for the efficient management of a personalized barber shop's appointment booking system. It serves as a platform to streamline the process of scheduling appointments, managing barbers, and tracking appointments for both the salon's administrators and its customers.

Description:

The project is designed to cater to the specific needs of a personalized barber shop where customers seek personalized services and barbers operate on dedicated schedules. It offers a user-friendly interface accessible through web browsers, allowing seamless interaction for both administrators and customers.

Needs:

The project addresses several key needs within the context of a personalized barber shop:

- 
1. Efficient Appointment Management: Traditional methods of appointment booking often involve manual scheduling, which can be time-consuming and prone to errors. This project is used for the appointment booking process, ensuring efficient utilization of resources.
 2. User-Friendly Interfaces: The project prioritizes the development of intuitive interfaces, making it easy for both administrators and customers to navigate through the application and perform tasks without extensive training.
 3. Robust Backend System: A reliable backend system is crucial for storing and managing appointment data securely. By leveraging MySQL for database management, the project ensures data integrity and scalability as the business grows.
 4. Enhanced Customer Experience: By providing customers with the ability to schedule appointments online and view their appointment history, the project aims to enhance the overall customer experience, leading to increased satisfaction and loyalty.

Features:

1. Admin Module:
 - Manages Barbers: Administrators can add, remove, or modify barber profiles, including their personal details.
 - Monitors Appointments: Administrators have access to an overview of all appointments, including details such as appointment date, customer information, and appointment status.
2. Barber Module:
 - Appointment Overview: Barbers can view appointments assigned to them, including appointment date, time, and customer details.
 - Schedule Management: Barbers can set their dedicated timings and update their availability for appointments.
3. Customer Module:
 - Appointment Booking: Customers can browse available appointment slots, select a preferred date and time, and book appointments online.
 - Appointment History: Customers have access to their appointment history, allowing them to track past appointments and plan future ones accordingly.

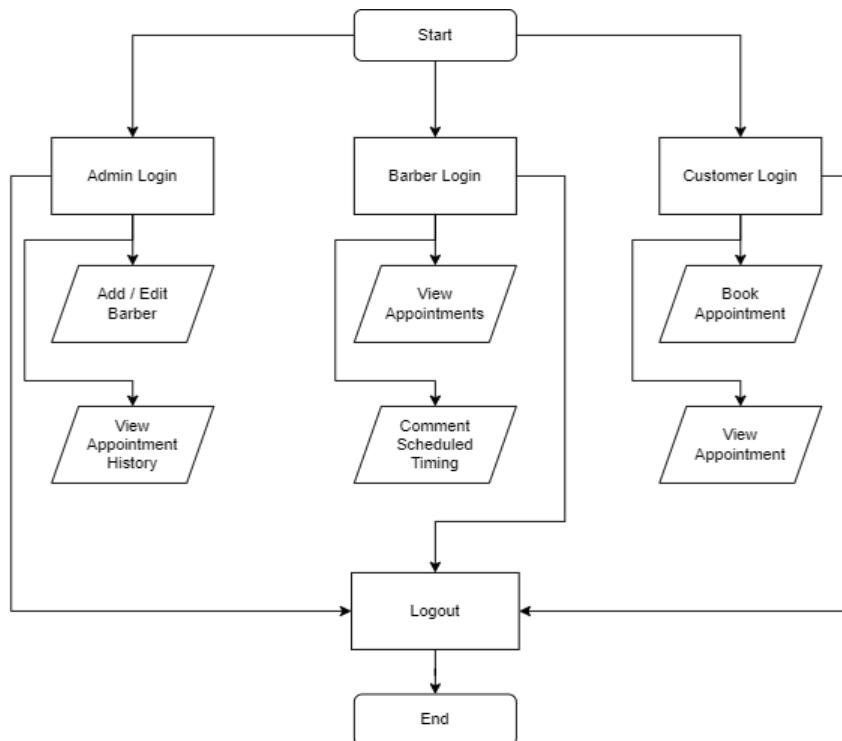
- Appointment Status: Customers can view the status of their booked appointments, whether pending, approved, or completed.

Technologies and Tools Used:

- Java: Utilized for backend development, providing the foundation for server-side logic and data processing.
- Java Server Pages (JSP): Used for frontend development, enabling the creation of dynamic web pages with Java-based server-side scripting.
- MySQL: Employed as the relational database management system for storing and managing appointment data securely.
- Tomcat: Deployed as the application server to host and execute the Java-based web application.

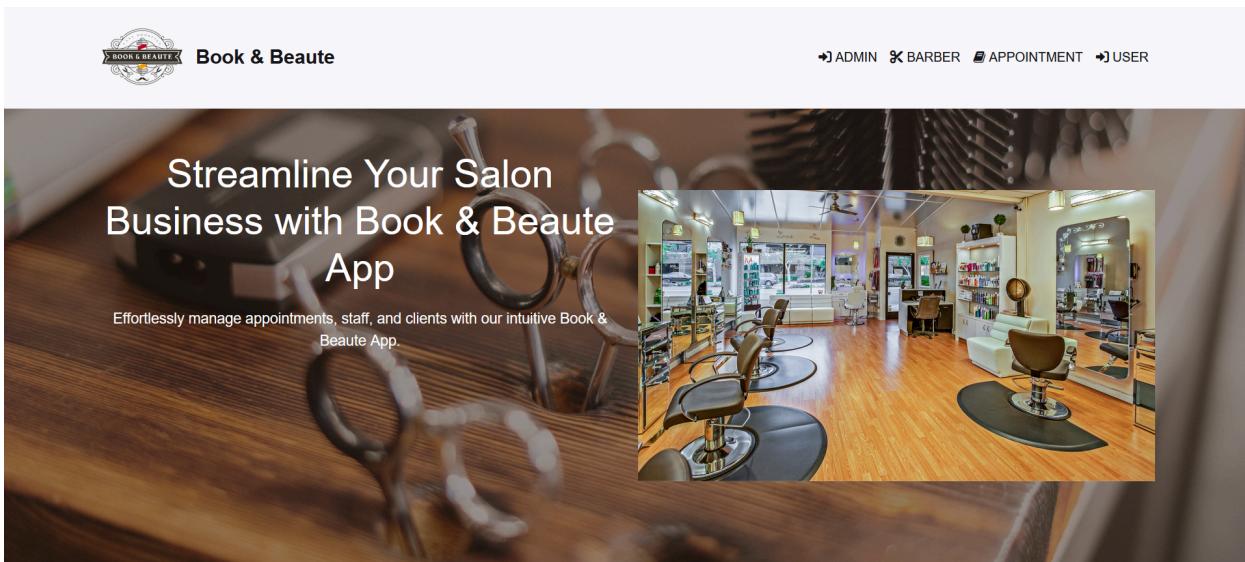
The combination of these technologies and tools ensures a robust and scalable solution that meets the specific requirements of a personalized barber shop environment.

Flowchart



Screenshots:

Landing Page



About the Application

Hi everyone, today I'm excited to present Book & Beaute.

A Java web application designed to revolutionize salon management and provide a seamless appointment experience for owners and clients alike. Imagine a world where scheduling appointments, managing clients, and generating bills is effortless, and booking the perfect hairstyle or pampering session is just a click away. That's what Book & Beaute aims to achieve!

Key Features

Appointment Management

Simplify scheduling for both salon owners and clients. Features include individual and recurring appointments, online booking, automated appointment reminders, and waitlist management.

Client Management

Create detailed client profiles, record appointment history, track preferences, and manage communication seamlessly through integrated messaging or email. This fosters personalized interactions and builds strong client relationships.

Billing and Payment Processing

Generate accurate bills instantly, accept secure online payments through various gateways, and streamline accounting processes. This eliminates manual errors and improves cash flow.

Reporting and Analytics

Gain valuable insights into salon performance by analyzing data on appointment trends, service popularity, and revenue streams. These insights help optimize operations, identify growth opportunities, and make data-driven decisions.

Advance Technology

Modular Java MVC Architecture which enhances the security and adds seamless functionality along with Digital Payment Integration and Cloud-Based Deployment for Cross Platform Usability

Creativity

Unique Client and Admin Portal for seamless functionality along with Enhanced User Interface which increases the User Experience for Appointment and Scheduling



Pricing

Quickly build an effective pricing table for your potential customers with this Bootstrap example. It's built with default Bootstrap components and utilities with little customization.

Free	Pro	Enterprise
\$0/mo	\$15/mo	\$29/mo
10 users included 2 GB of storage Email support Help center access	20 users included 10 GB of storage Priority email support Help center access	30 users included 15 GB of storage Phone and email support Help center access
Sign up for free	Get started	Contact us

Compare plans

	Free	Pro	Enterprise
Casting Business	✓	✓	✓
Private	✓	✓	✓
Permissions		✓	✓
Sharing		✓	✓
Unlimited members			✓
Extra security			✓

Contact Us

Contact for Inquiries or Demo Requests.

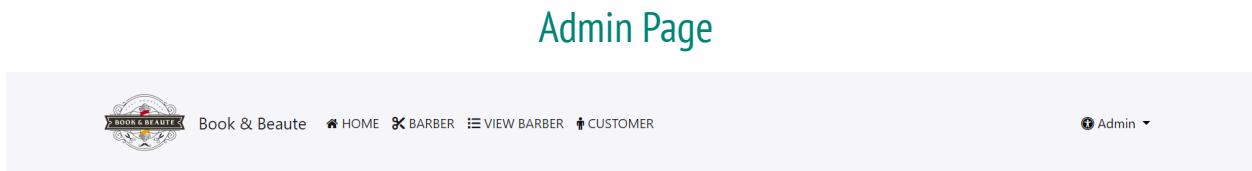
Email

Phone Number

Message

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The header of the Admin Page includes the logo "BOOK & BEAUTE", the page title "Book & Beaute", and navigation links for "HOME", "BARBER", "VIEW BARBER", and "CUSTOMER". On the right, there is a user profile icon labeled "Admin" with a dropdown arrow.

Admin Page

Admin Dashboard




The header of the Admin Page includes the logo "BOOK & BEAUTE", the page title "Book & Beaute", and navigation links for "HOME", "BARBER", "VIEW BARBER", and "CUSTOMER". On the right, there is a user profile icon labeled "Admin" with a dropdown arrow.

Add Barber

This form allows users to add a new barber. It includes fields for:

- Full Name (Input: Enter full name)
- Email address (Input: Enter Email)
- Phone (Input: Enter mobile number)
- Password (Input: Enter password)

A red "Register" button is at the bottom.



The header of the Admin Page includes the logo "BOOK & BEAUTE", the page title "Book & Beaute", and navigation links for "HOME", "BARBER", "VIEW BARBER", and "CUSTOMER". On the right, there is a user profile icon labeled "Admin" with a dropdown arrow.

List of Barber

Full Name	Email	Phone	Action
Tushar Parmar	tushar@gmail.com	0123456789	Edit Delete
Rakesh Parmar	rakesh@gmail.com	9874563210	Edit Delete
Akshat Simejiya	akshat@gmail.com	1234512345	Edit Delete



Book & Beaute [HOME](#) [BARBER](#) [VIEW BARBER](#) [CUSTOMER](#)

[Admin](#)

Edit Barber Details

Full Name

Email address

Phone

Password

[Update](#)



Book & Beaute [HOME](#) [BARBER](#) [VIEW BARBER](#) [CUSTOMER](#)

[Admin](#)

Customer Details								
Full Name	Gender	Age	Appointment	Email	Phone	Barber Name	Services	Timing
Arzoo	male	19	2024-05-04	shashankbagda167@gmail.com	09924145702	Tushar Parmar	Haircut	Pending
Arzoo	male	35	1985-10-10	arzoo@gmail.com	07203039929	Tushar Parmar	Haircut	11:25
Mustafa	male	20	2001-01-10	mustafa@gmail.com	7541285654	Tushar Parmar	Haircut and Beard	NA
Shashank Bagda	male	20	2024-05-16	shashankbagda167@gmail.com	720309929	Akshat Simejiya	Haircut, Beard and Face Cleanup	Ok
Shashank Bagda	male	20	2004-02-20	shashankbagda167@gmail.com	720309929	Akshat Simejiya	Shashank, Block 20, Street 2, Anamika Society, Akashwani Chowk, University Road	Approved

Barber Page

Book & Beaute HOME CLIENT Tushar Parmar ▾

Edit Profile Logout

BARBER DashBoard

BARBER 3	Total Appointment 3
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Book & Beaute HOME CLIENT Tushar Parmar ▾

Change Password

Enter New Password

Enter Old Password

Change Password

Edit Barber Profile

Full Name

Email address

Phone

Update



Book & Beaute [HOME](#) [CLIENT](#)

Tushar Parmar ▾

Client Details							
Full Name	Gender	Age	Appointment Date	Email	Phone	Status	Action
Mustafa	male	20	2001-01-10	mustafa@gmail.com	7541285654	NA	Comment
Arzoo	male	35	1985-10-10	arzoo@gmail.com	07203039929	11:25	Comment
Arzoo	male	19	2024-05-04	shashankbagda167@gmail.com	09924145702	Pending	Comment



Book & Beaute [HOME](#) [CLIENT](#)

Tushar Parmar ▾

Leave a Comment

Full Name

Age

Phone

Leave a Comment

Customer Page

Book & Beaute

APPOINTMENT **VIEW APPOINTMENT** **Arzoo Sir** ▾

Change Password
Logout

Streamline Your Salon Business with Book & Beaute App

Effortlessly manage appointments, staff, and clients with our intuitive Book & Beaute App.

Book & Beaute

APPOINTMENT **VIEW APPOINTMENT** **Arzoo Sir** ▾

User Appointment

Full Name	Gender
<input type="text" value="Enter full name"/>	<input type="text" value="--Select Gender--"/>
Age	Appointment Date
<input type="text" value="Enter your Age"/>	<input type="text" value="dd-mm-yyyy"/>
Email	Phone
<input type="text" value="Enter email"/>	<input type="text" value="Enter Mobile no."/>
Barber	
<input type="text" value="--Select--"/>	
Write Services	
<input type="text"/>	

Book & Beaute

APPOINTMENT **VIEW APPOINTMENT** **Arzoo Sir** ▾

Appointment List

Full Name	Gender	Age	Appointment Date	Phone	Barber Name	Status
Arzoo	male	35	1985-10-10	07203039929	Tushar Parmar	11:25
Arzoo	male	19	2024-05-04	09924145702	Tushar Parmar	Pending

Future Enhancements:

- Integration of additional features such as payment processing for appointments.
- Implementation of real-time notifications for appointment updates.
- Enhancement of UI/UX for better user experience.
- Support for multiple salon locations.
- Scheduling with reference to Time Slots.

Github Repository:

<https://github.com/ShashankBagda/Project--Advance-Java--Book-and-Beaute>



Thank You