



NITTE
EDUCATION TRUST

N.M.A.M. INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

(ISO 9001:2015 Certified), Accredited with 'A' Grade by NAAC

☎: 08258 - 281039 - 281263, Fax: 08258 - 281265

Department of Computer Science and Engineering

B.E. CSE Program Accredited by NBA, New Delhi from 1-7-2018 to 30-6-2021

Report on Mini Project

Book @ Barber

Course Code : 18CSE41

Course Name : Web Programming

Semester: VSEM

Section: C

Submitted To:

Mr. Shashank Shetty

Assistant Professor

Department of Computer Science
and Engineering

Submitted By:

Shashank (4nm18cs165)

Saurav S Poojary (4nm18cs161)

Date of submission: 11/12/2020

Signature of Course Instructor

ABSTRACT

BOOK @ BARBER is a web application that enables users to book slot for their service in a shop chosen by them. Shop lists from various cities are available in the database. User will be allocated a time in the shop chosen by him. This will save his time and effort of waiting in queue in the barber shop.

Shop owner can approach developer to add his shop details to the website. He can delete booking made by the user after completion of their service.

TABLE OF CONTENTS

Title Page.....	i
Abstract.....	ii
Table of Contents.....	iii

	pg no
Introduction.....	04
Problem Statement.....	04
Objectives.....	05
Literature Review.....	06
Methodology.....	07
Implementation Details.....	08
Results.....	10
Conclusion and Future scope.....	11
References.....	11

INTRODUCTION

As we all know time is the most important thing in everyone's life and in this digital world where everything is getting digitalized, we created a Web Application to book slots in barber shops.

Our Web Application will allow existing user to login or create a new account for non-existing user. Later he can book a slot in selected city and selected barber shop in that.

Barber shop owners can approach us to add their shop details in our Web Application, So that users will be able book slots in their shop and avoid waiting in queue for service in their shop.

Shop owners can view the details of users who booked a slot in their shop and also can delete the booked details of users whose service is completed.

PROBLEM STATEMENT

To develop a Web Application which will allow a user to book a slot in the barber shops available in the database by considering no two users will be allotted same timings on the same day in the same shop.

Allot time for the users based on the services chosen by them and allow them to view their booked details in a particular shop.

Allow Shop owners to view the details of users who booked a slot in their shop and delete booked details after completion of the service.

OBJECTIVES

- New user creation with unique email and saving this information to the database.
- Validate user information while logging in.
- Allow user to select a city and date.
- List out shops available in that city.
- Allow user to select a barber shop from available shops.
- List the services available.
- Save the booked details in database.
- Show the booked details to the user and shop owner.
- Allow shop owner to delete booked details of a user who is a customer in their shop.

LITERATURE REVIEW

The Hairdressing and Beauty Treatment industry has a low level of capital intensity, since the services offered by the industry are highly labor intensive. Hairdressing services include hair washing, trimming and cutting, setting ,dyeing, tinting, blow drying, straightening, shaving and beard trimming etc. Cosmetologists is in two parts barbering and hairdressing. It will be good to contrast Traditional Queuing Method (TQM) against Online Registration System.

An electronic booking system is a simple booking system electronically based, i.e. it is accessible through a laptop, and mobile android system, iPad, etc. The diffusion of innovation theory focuses on the methods of spreading out new technology especially through cultures awareness. Online Registration System (ORS) or Electronic Booking Systems (EBS) easily accessibility from anywhere can make barber shops easily assessable from any platform, mainly assessable from Smart phones, i.e. not dedicated only to desktops.

METHODOLOGY

This Web Application is developed along with a database for storing user information and their booking information.

Functionalities:

Enable website user to

- Login with registered email and password or create a new account for non existing user.
- Select a city and a date.
- Select a shop and services available in that shop.
- View his booked details.

Enable shop owner to

- Login with his registered shop id and password.
- View the details of user who booked a slot in their shop.
- Delete booked details of a user in their shop.

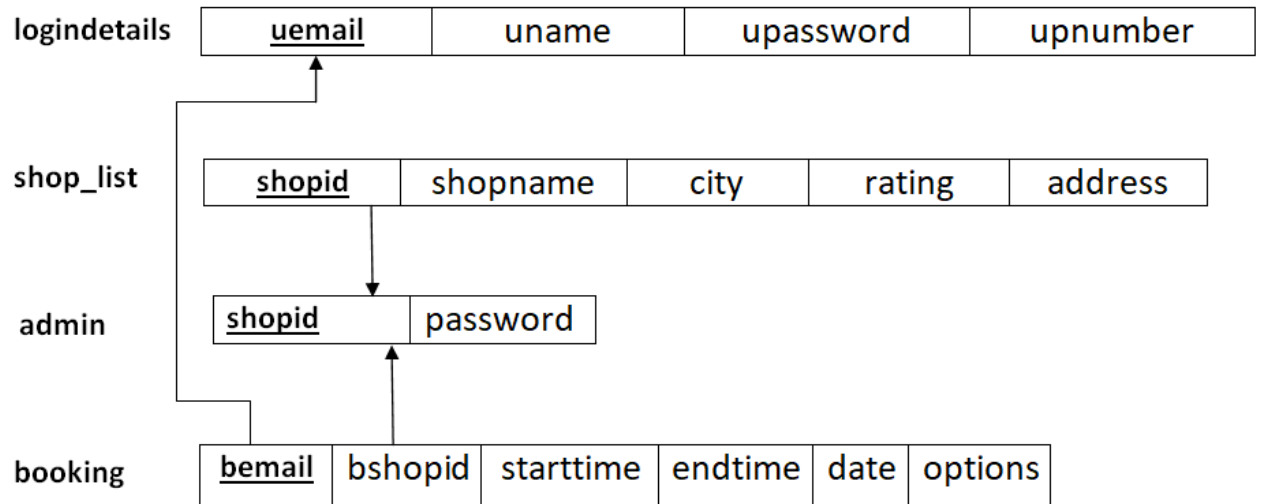
IMPLEMENTATION

1. **Front-End:** HTML5, CSS3, JS, BOOTSTRAP
2. **Back-End:** PHP
3. **Database:** MySql
4. **Software tools:** VScode editor , XAMPP(PHP MyAdmin)

The Web Application consists of following web pages:

- **Login Page:** Validating user entered details and redirecting him to the home page if user credentials are valid.
- **Sign Page:** Allows user to create account with new email.
- **Admin Login:** Validating shop owner entered details and redirecting him/her to booked details page.
- **Home Page:** User will choose date and city. User can view his booked details.
- **Shoplist Page:** List of shops from user selected city will be displayed.
- **Booking Page:** User must select the services he need and confirm his booking.
- **Show Booked details Page:** Details of users who booked a slot in particular shop will be displayed. And shop owner will be able to delete a particular booking.

- Schematic Diagram

BARBERPROJECT

RESULTS AND DISCUSSIONS

- Registered users can successfully book slot in shop chosen by them.
- Users can successfully view their booked details.
- Shop owners can view the details of users who booked the slots in their shop.
- User must enter the valid date and select a city from available list.
- User cannot book next slot until the previously booked data is expired.
- Shop owners must approach developers to add their shop details to the website.
- Shop owner can delete user details who booked a slot in their shop after completion of customer's service.

CONCLUSION AND FUTURE SCOPE

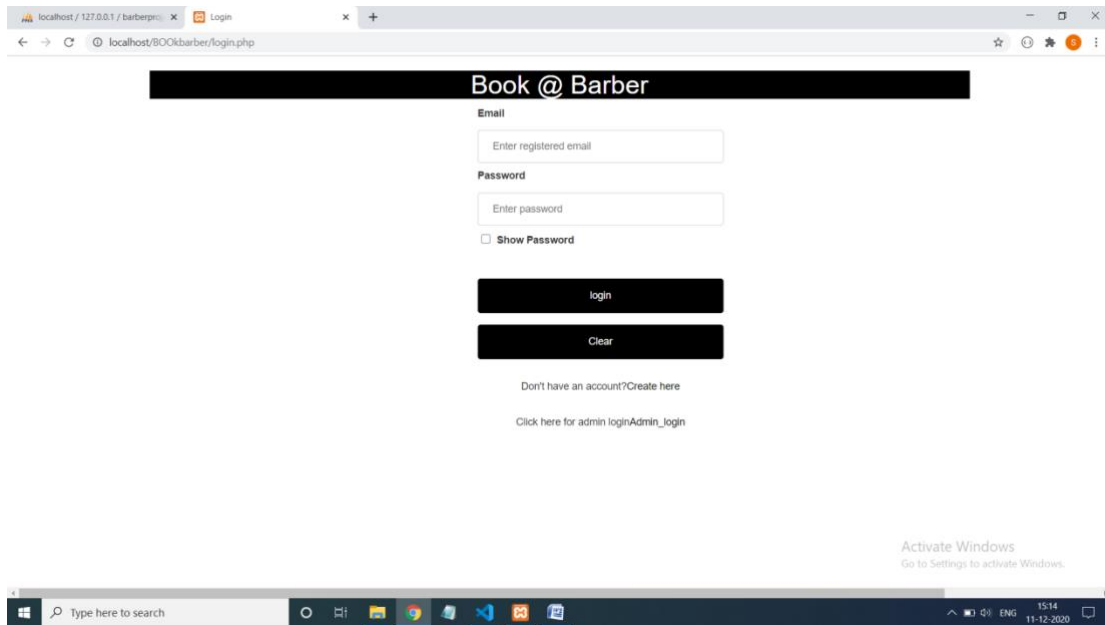
This Web Application is developed by considering the real-time problem of people to wait in queue in barber shop for their turn. This Web Application validates user information before logging in or creating a new user. No two users will be allotted same timings on the same day in same shop. User can successfully view details of his slot.

Shop owner can also view the user information who booked their slot in the barber shop.

As our country is developing Software Web Application like this will act a major role. All the barber shop across the country can use our Web Application to bring their shops online. Users across the country can book a slot whenever and wherever they wish and avoid waiting in queues.

REFERENCES

- <https://www.w3schools.com>
- <https://stackoverflow.com>
- <https://getbootstrap.com>



A screenshot of a web browser displaying the 'Book @ Barber' login page. The browser's address bar shows 'localhost/127.0.0.1/barberpro' and the page title is 'Login'. The page has a black header with the text 'Book @ Barber'. Below the header, there is a form with two input fields: 'Email' (with placeholder text 'Enter registered email') and 'Password' (with placeholder text 'Enter password'). A checkbox labeled 'Show Password' is located below the password field. There are two black buttons: 'login' and 'Clear'. Below the buttons, there are two links: 'Don't have an account? Create here' and 'Click here for admin loginAdmin_login'. In the bottom right corner, there is a Windows watermark that says 'Activate Windows Go to Settings to activate Windows.' The Windows taskbar is visible at the bottom of the browser window.

localhost/127.0.0.1/barberpro x Login

← → ↻ localhost/BOOKbarber/login.php

Book @ Barber

Email

Password

☐ Show Password

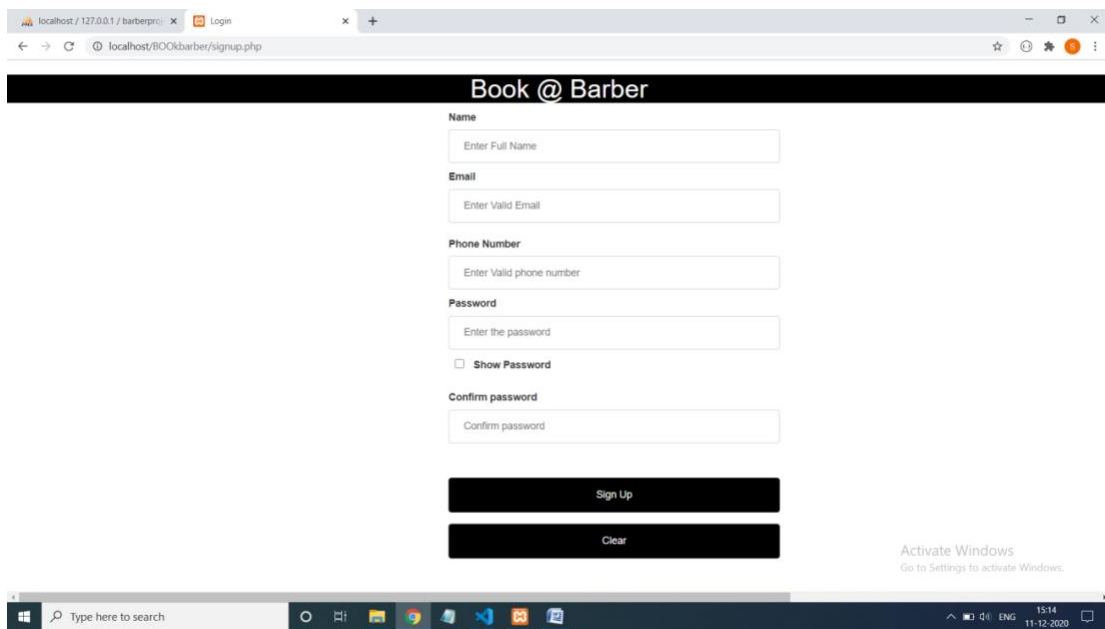
login

Clear

Don't have an account? Create here

Click here for admin loginAdmin_login

Activate Windows
Go to Settings to activate Windows.



A screenshot of a web browser displaying the 'Book @ Barber' sign-up page. The browser's address bar shows 'localhost/127.0.0.1/barberpro' and the page title is 'Login'. The page has a black header with the text 'Book @ Barber'. Below the header, there is a form with five input fields: 'Name' (with placeholder text 'Enter Full Name'), 'Email' (with placeholder text 'Enter Valid Email'), 'Phone Number' (with placeholder text 'Enter Valid phone number'), 'Password' (with placeholder text 'Enter the password'), and 'Confirm password' (with placeholder text 'Confirm password'). A checkbox labeled 'Show Password' is located below the password field. There are two black buttons: 'Sign Up' and 'Clear'. In the bottom right corner, there is a Windows watermark that says 'Activate Windows Go to Settings to activate Windows.' The Windows taskbar is visible at the bottom of the browser window.

localhost/127.0.0.1/barberpro x Login

← → ↻ localhost/BOOKbarber/signup.php

Book @ Barber

Name

Email

Phone Number

Password

☐ Show Password

Confirm password

Sign Up

Clear

Activate Windows
Go to Settings to activate Windows.

localhost / 127.0.0.1 / barberprj: x Login x +

localhost/BOOKbarber/adminlogin.php

Book @ Barber

Shop id

Password

☐ Show Password

login

Clear

Activate Windows
Go to Settings to activate Windows.

localhost / 127.0.0.1 / barberprj: x Home Page x +

localhost/BOOKbarber/trial.php

Book @ Barber

Logout About

Abc

Select a city Karkala

Select date dd-mm-yyyy

continue

Clear

Your Book details

Shop name	Start time	End time	Date	Service chosen
Abc1	8	10	2020-12-12	haircut,shave,

Activate Windows
Go to Settings to activate Windows.

