

Barber Slot Booking System

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Abstract - This project is a website to produce a Barber Slot Booking system which provides a platform from where customers can book their slots online according to their free time and can save waiting time at barber's shop. This Application aims to provide a review of current status. Using this app people from the concerned people on a single platform and can solve their problem without roaming around.

Key Words: website, Slot, Booking, online

1.INTRODUCTION

Barber Slot Booking System is an online website which provide a facility to a customer to book their slot remotely keeping in mind that they are not going to waste their too much time. As your hairstyle reflects a lot about your attitude and style. But often it's difficult to go to the salon especially after office. Customer can view the application by using web browsers and book the appointment for the haircut, and for any other saloon grooming services. Customer can check the services list also he/she can check the available works and masters who is working in the saloon.

2. Body of Paper

Barber Slot Booking System is a Web based platform. This platform helps the user to make appointments for his services that are provided by the shop. It also helps the user to view the services, their prices, can contact the admin and can view all the details of the shop.

After comparing different types of models, we have selected the best suited model as the spiral model for this project as our requirements are superior and it is a long developing project.

Iterative Model

Phases of Iterative Model:

1.Planning and Requirements: Map out the basic requirements, acquire relevant documentation, and develop a strategy and timeframe for the first iteration cycle at this point.

2.Analysis and Design: Based on the strategy, finalize the business demands, database models, and technological requirements. Make a workable architecture, schematic, or algorithm that meets your specifications.

3.Implementation: Create the functionality and design needed to satisfy the requirements.

4. Testing: Identify and find anything that isn't operating or performing as it should. Stakeholders, users, and product testers share their insights.

5. Evaluation and Review: Compare the requirements and expectations with this iteration.

It's time to move on to the next cycle when you've completed these tasks. The product goes back to step one in the iterative process to build on what's working. Determine what you discovered in the last cycle. Iterative development, also known as circular or evolutionary development, is centered on perfecting the original version over time, especially when needs are gathered and included. It enables you to stay adaptable when new requirements or challenges arise.

Advantages of Iterative Model

We are using this Model for the following advantages:

- Less costly to change the scope/requirements.
- Testing and debugging during smaller iteration are easy.
- Risk analysis is better.
- It supports changing requirements.
- Progress can be measured.

Requirement Analysis

The process of creating user expectations for new software is known as requirement analysis, or requirement engineering. To create uniform and unambiguous requirements, we examine, improve, and scrutinize the obtained requirements. This exercise goes over all of the criteria and may show a graphical representation of the full system. The project's understandability is predicted to improve greatly following the conclusion of the analysis.

Developer Requirement

Following configurations are required for development:

Hardware Requirements

- Processor: Core i3, 2.30 GHz
- Operating System: Windows 10
- RAM: 4GB

Software Requirements

- Database: phpMyAdmin (DATABASE)
- Frontend Application: HTML, CSS and JavaScript
- Backend Application: PHP and phpMyAdmin.
- User Requirement: Any User having the Internet Connection can access our website.

3. CONCLUSIONS

Working on this intriguing and hard project has been a genuine joy for me. This project was beneficial to me since it gave actual understanding of not just HTML, CSS, and phpMyAdmin based web-based application development. It also gives information on the most up-to-date technologies for creating web-enabled applications and client-server technology, both of which will be in high demand in the future. This will give better opportunities and advice in developing initiatives on your own in the future.

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REFERENCES BOOKS

1. <https://www.geeksforgeeks.org/>
2. <https://www.w3schools.com/>
3. <https://www.tutorialspoint.com/>
4. <https://www.udemy.com/>