

Project Synopsis



BookMyMetro

Odd Sem-2019

Batch :- B4

Arpit Maheshwari	18103125
Sankalp Singh Bisht	18103147
Udit Bhardwaj	18103151
Pranjay Tiwari	18103140

Submitted To:-

Mr. Kashav Ajmera

Introduction

The Delhi Metro is a rapid transit system serving Delhi and its satellite cities in the National Capital Region of India. By far the largest and busiest metro in India, and second oldest after the Kolkata Metro, it is the world's 8th longest metro system and 16th largest by ridership. The network consists of eight colour-coded regular lines, running 343 kilometres (213 mi) serving 250 stations.

Feasibility

The current system of booking metro is tediously hectic as it wastes a lot of time and energy. An effective system is essentially required which can change the orientation of this scenario while also enabling user with other essential features of metro services.

The objective of this project is to develop a system which enables users to avoid long queues and hustles at metro stations intending to save a lot of time and energy.

A user will have complete access to the following features:

- Book metro token
- Get shortest metro route and fare information
- Access to complete metro network

- Easy and secure digital payment
- Latest metro updates
- Complaint and feedback portal

The website will also be a Progressive Web Application, enabling user an easy access in just one click. It will also use Rest APIs to fetch required data from respected APIs.

Methodology

To make this project we are intending to use:

In Front-end:

- HTML 5
- CSS 3
- VANILLA JAVASCRIPT
- REGEX (REGULAR EXPRESSION)
- And related libraries (Jquery,etc)

In Back-end:

- PHP
- MYSQL

*This is just a description for a prototype, the final product may look different.