**BUS BOOKING**

**Introduction:**

Bus transportation is one of the most important means of transport today and due to its increasing demand it is necessary for bus bookings to be as efficient as possible. Here we were going to develop a website which is used to book a bus ticket. Here , our main aim is to create a website which shows the available buses and available seats for the corresponding buses to reserve.

**Technology stack:**

HTML, CSS, JS, PHP,SQL .

HTML: To design the web pages

CSS: To obtain some styles like colour etc. so that to make webpage attractive.

JS: To perform some actions for the given user input.

SQL : To retrieve information from database.

**Modules:**

**Project Requirements: (1 week)**

Basic entities are considered such as how the webpages are created and what are the entities are to be taken. Entities can be considered as buses, payment etc.

**System analysis: (1 week)**

How the pages are to be present and analysing the given attributes from the project requirements.

**Architecture frontend design: (3 week)**

Here in this step we could the important task has to be done like web page creation which was done by the HTML, CSS, JS.

**Architecture backend design: (1 week)**

We can consider as this part as the storing the details of the users such as creation of some databases like one database for user details and for user history.

**Testing: (1 week)**

This part has to be done very seriously since we could identify some bugs present in our project. And has to rectify the mistakes present either in front-end or back-end design.

**Document:**

The total modules which was done was written in a document in parallel.

**WORKFLOW DIAGRAM:**

CREATE ACCOUNT

NEW USER

**YES**

**NO**

LOGIN USING YOUR ID

TICKET CANCELLATION

**NO**

QUERY OF BUS AVAILABLE

**YES NO YES**

CHECK AVAILABILTIY OF SEATS FOR SELECTED BUS

CANCEL THE RESERVED TICKET

CHANGE THE SELECTED BUS

**NO**

**YES**

COMPLETE MONEY TRANSACTION AND RESERVE YOUR TICKET

BOOK A TICKET FOR THE SELECTED BUS