REPORT

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<u>INTRODUCTION</u>

<u>HISTORY</u>

A plan for a rail system in India was first put forward in 1832, but no further steps were taken for more than a decade. In 1844, the Governor-General of India Lord Hardinge allowed private entrepreneurs to set up a rail system in India. Two new railway companies were created and the East India Company was asked to assist them. Interest from a lot of investors in the UK led to the rapid creation of a rail system over the next few years.

Railways were first introduced to India in 1853. By 1947, the year of India's independence, there were forty-two rail systems. In 1951 the systems were nationalised as one unit, becoming one of the largest networks in the world. IR operates both long distance and suburban rail systems on a multi-gauge network of broad, metre and narrow gauges. It also owns locomotive and coach production facilities.

 The first train in India became operational on 1851-12-22, and was used for the hauling of construction material in Roorkee. A few years later, on 1853-04-16, the first passenger train between Bori Bunder, Bombay and Thana covering a distance of 34 km (21 miles) was inaugurated, formally heralding the birth of railways in India

INTRODUCTION TO THE RESERVATION SYSTEM

The Indian Railways (IR) carries about 5.5 lakh passengers in reserved accommodation every day. The computerised Passenger Reservation System (PRS) facilitates booking and cancelling of tickets from any of the 4000 terminals (i.e PRS booking windows) all over the country.

These tickets can be booked or cancelled for journeys commencing in any part of India and ending in any other part, with travel times as long as 72 hours and distances up to several thousand kilometers.

The pilot project of PRS was launched on 15 November 1985, over Northern Railway with the installation of the Integrated Multiple Train Passenger Reservation System (IMPRESS), an online transaction processing system developed by the Indian Railways in association with Computer Maintenance Corporation (CMC) Ltd., at New Delhi.

The objective was to provide reserved accommodation on any train from any counter, preparation of train charts and accounting of the money collected. This application was subsequently implemented in 1987, at Mumbai, Chennai, Kolkata and Secunderabad. With the addition of new locations and many redefinitions, the IMPRESS system fell short of growing expectations of the travelling public.

MAIN OBJECTIVES OF THE PROJECT :

1. The acquisition and maintenance of a relational database with the help of hardware, communication network and software including system design.

2. To assess the if system chosen in the project operates in an adequately controlled environment.

3. Whether the application's control are adequate and if the system is in compliance with rules.

4. Adequate security from possibilities of fraud.

5. To show an effective mechanism to ensure most economic usage of available resources.

6. The control mechanism for credit card transactions were adequate

SCOPE OF OUR PROJECT WORK

1. The scope of project included evaluation of the application and was primarily concerned with the transactions related to booking of tickets from the terminals operated by the railway personnel.

2. Application controls, simulation and online enquiries were used to evaluate data validation and program logic. The selected data, as made available, for substantive checking of the completeness, integrity and consistency of data using computer assisted applications such as VB, MS Access and Structured Query Language (SQL).

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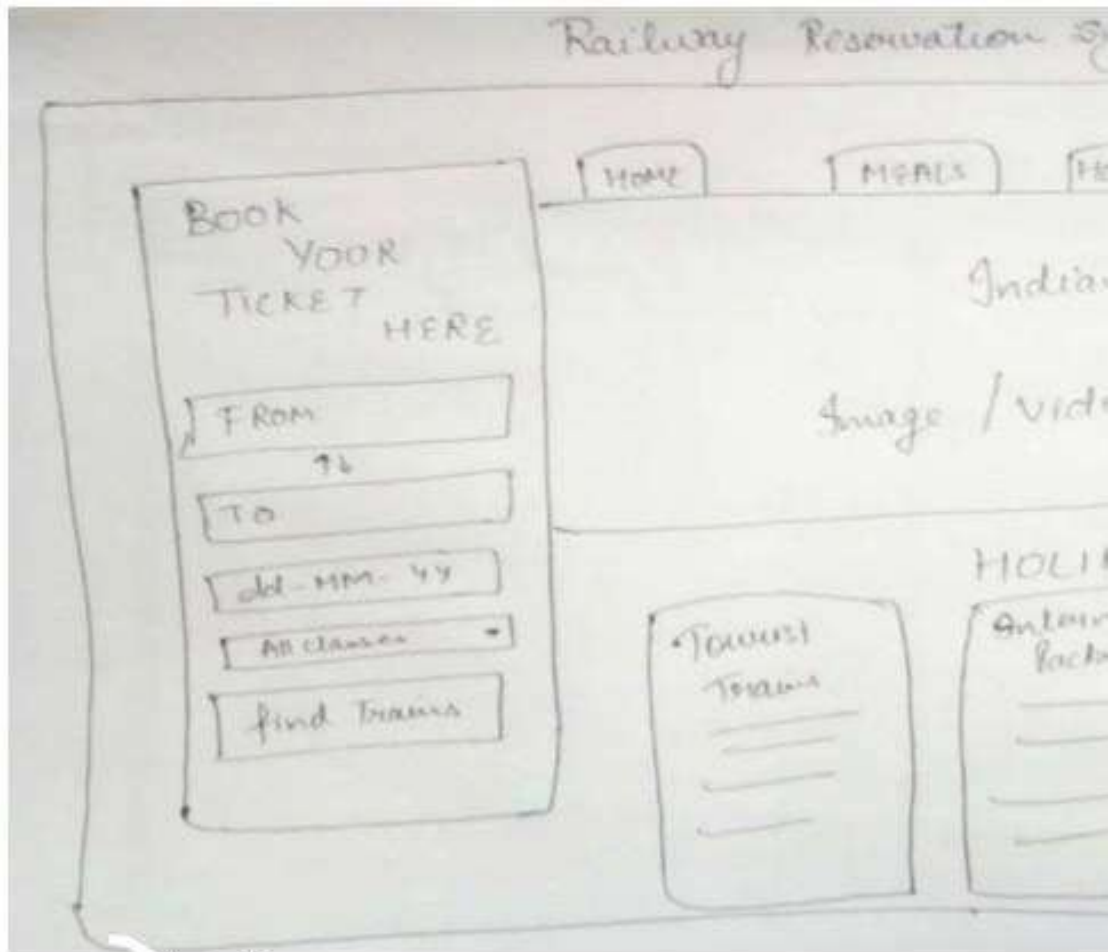
Railway Reservation System

RAILWAY RESERVATION METHODS :

- Online Booking

- Counter Booking

ONLINE BOOKING:

This facility is given to general public by railway department. With the help of this facility people can book their tickets through internet, sitting in their home by a single click of the mouse. Using their credit card people can easily get their tickets done within minutes. There are certain charges for online booking as well.

COUNTER BOOKING:

This is oldest method of booking the ticket. The reservation counters are there at railway departments from where people can get the tickets to their respective destinations. Nowadays there are various ticket counters, apart from railway station counters where tickets are available.

MODULES:

In this website we have used diffrents computer programming languages including HTML,JAVA SCRIPT,CSS.

We have created this website through HTML and have give a fine structure to the website.
The website is made functionable be the JAVA SCRIPT which provide the opening of the pages and the options created in the pages.

And we have also used CSS to give a finr art to our website which makes it more attractive through the pictures we added in it by css.

TEAMWORK:

1.MADAN LAL has create the first page of our website which is the home page .Here many options are given like from this page we can book our ticket for tour.And we can choose the classes of the train in which we our comfortable for.
For booking train a person must fill all the details in the page includin
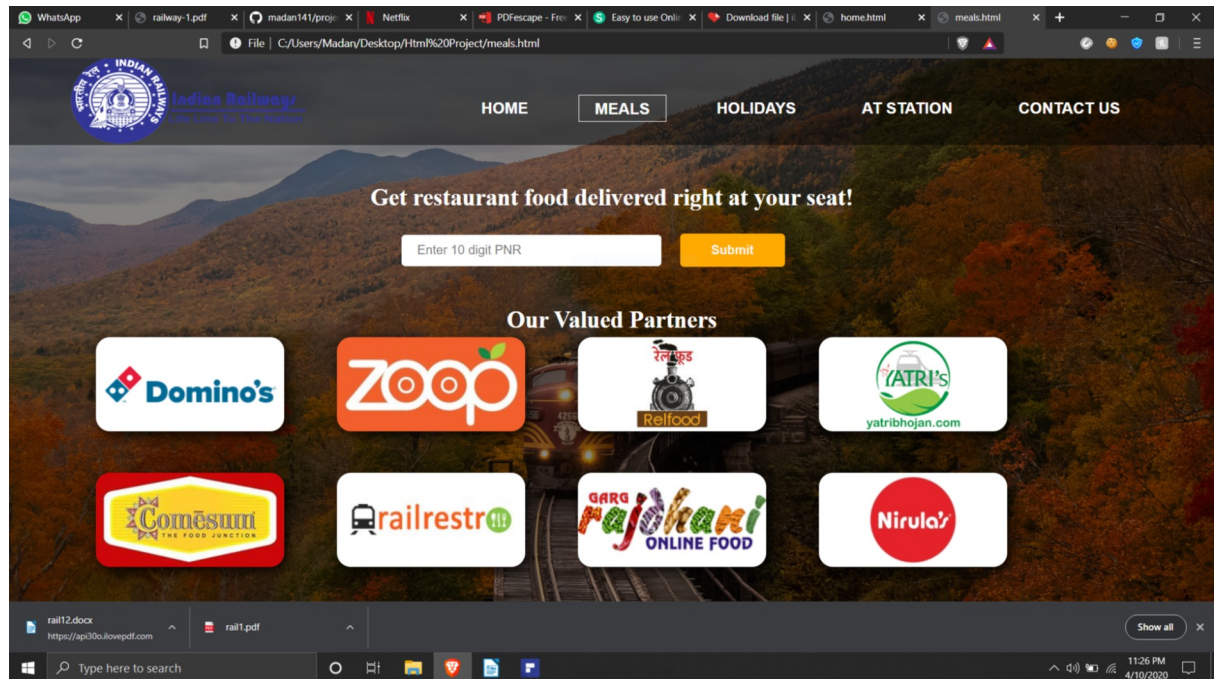
And now,there is another page created by our team which is meals.A passanger booking train tickets from our website have all the facilities which other websites may nor provide ,here passangers can book thre meals before their journey so that they would be able to get fresh and good meals through our railway service from our concern.

passangers can choose the place from where they feel compatible to oder .

SHUBHAM has created the third page of our website which is about the holiday.In this pageperson can book his or her trip to many famous and beautiful places like
SINGAPORE ,TIRUPATI,EUROPE and many other tourist places.
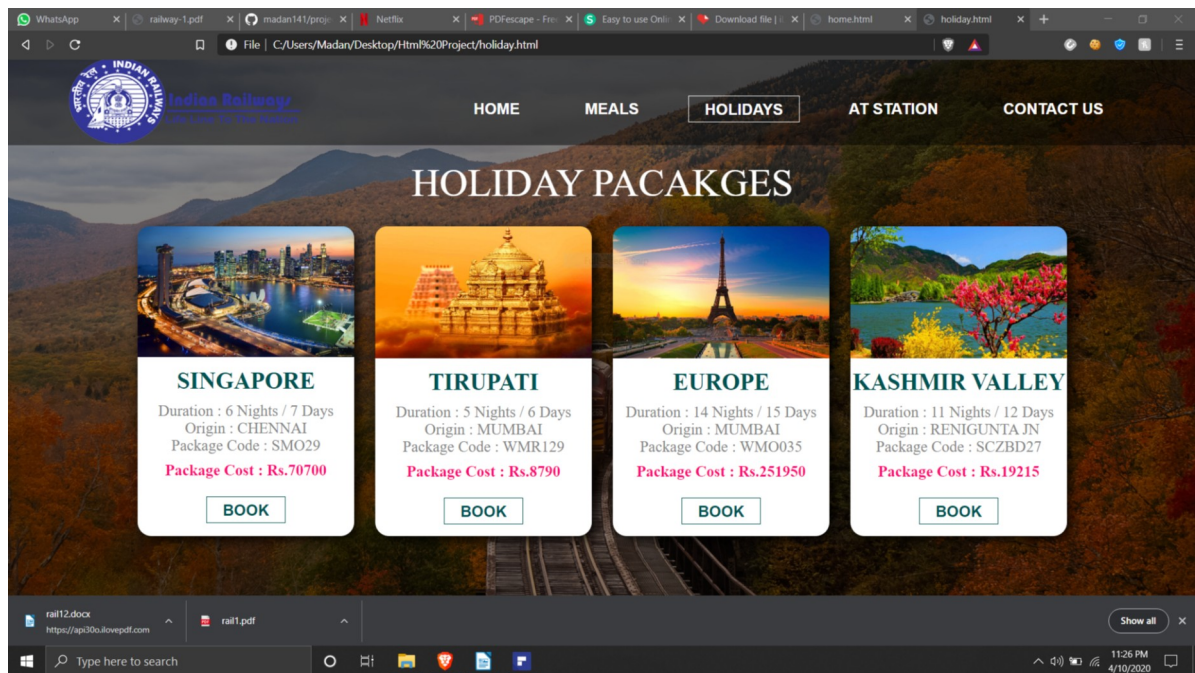
here the person who is travelling in our website has the number of option to travel to various beautiful places and get the most trustable and satisfying trip and can get the packages upto reasonable prices.
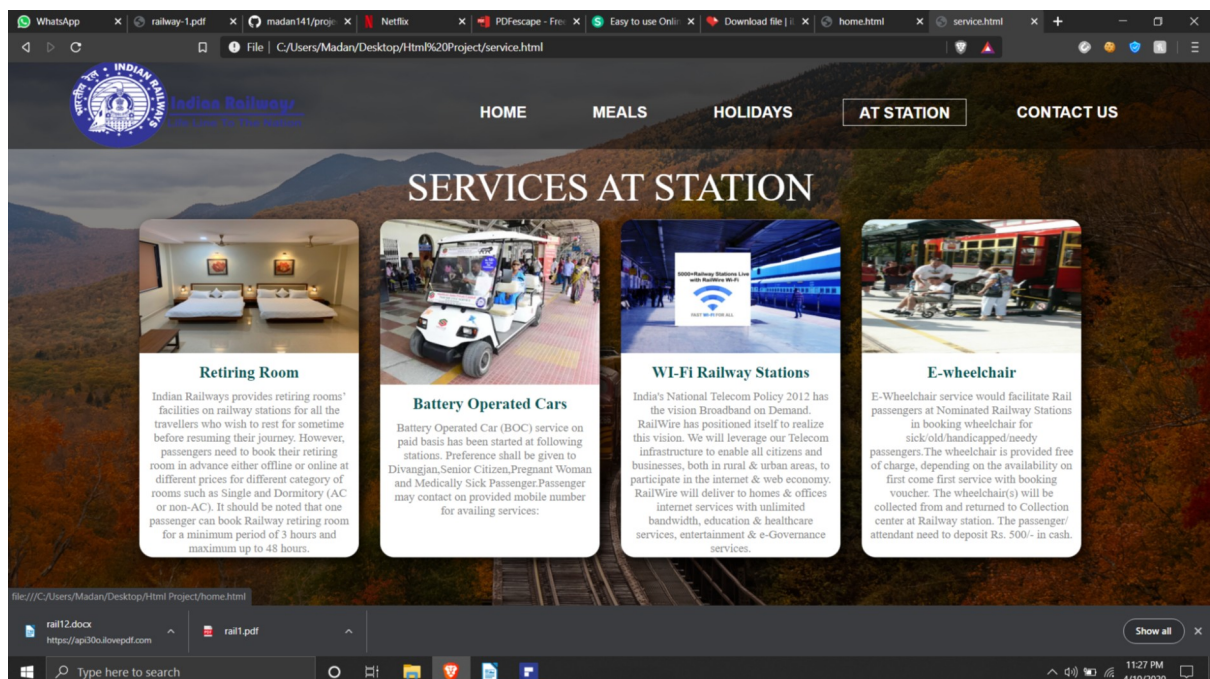
This is the fourth page of our website made by our team where the person who is travelling through our site will have all the facilities in the station and the individual must not go through different other websites and does not need to explore the internet for resting rooms E wheel chair facilities.
All the facilies would be provided including battery operated cars for heavy baggages.

ASHAD KHAN has created the fifth page of our website where the passanger who has booked from our website has any quaries regarding our site so he can contact us through this page ,which makes us very happy to solve .
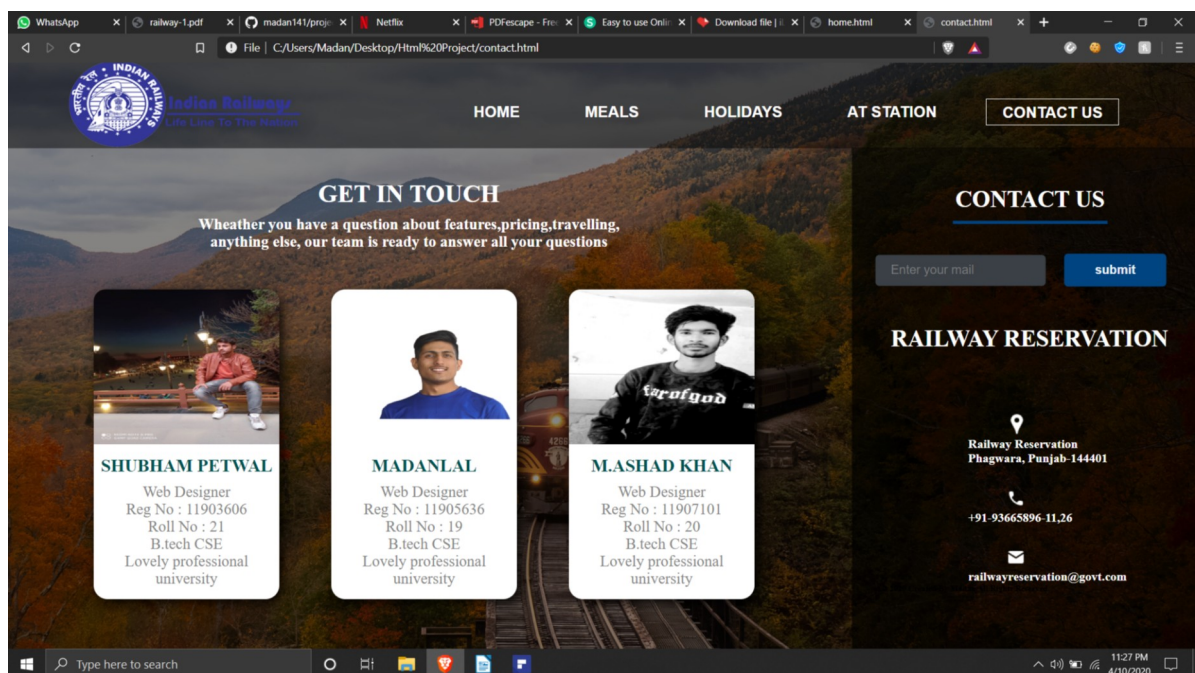
This website offers much more then all facilities to the person travelling from one place to another or going trip with his or her family.