ONLINE RESERVATION SYSTEM

END TERM REPORT

BY

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DECLARATION

This is to declare that this report has been written by me/us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. I/We aver that if any part of the report is found to be copied, I/we are shall take full responsibility for it.

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Place:Jalandhar

Date:19april 2019

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BONAFIDE CERTIFICATE

Certified that this project report "ONLINE RAILWAY RESERVATION SYSTEM" is the bonafide work of "B.Lakshmipathi Achari, S.Brahma chaitanya, Vaibhav" who carried out the project work under my supervision.

Signature of the Supervisor

Name of supervisor

Academic Designation

ID of Supervisor

Department of Supervisor

BACKGROUND AND OBJECTIVES OF THE PROJECT

INTRODUCTION:-

The Indian Railways (IR) carries about 5.5 lakhs passengers in reserved accommodation every day. The Computerised Passenger Reservation System (PRS) facilitates the booking and cancellation of tickets from any of the 4000 terminals (i.e. PRS booking window all over the countries). These tickets can be booked or cancelled for journeys commencing in any part of India and ending in any other part, with travel time as long as 72 hours and distance upto several thousand kilometers.

With the help of online booking people can book their tickets online through internet, sitting in their home by a single click of mouse. Using their credit cards,e-wallets,people can easily get their tickets done within minutes.

In the given project we will going to give the explanation how the process is going on in online booking with the help of webpages which are similar to present in online. In upcoming pages we will see the webpages done by us where you can get a idea.

In this project we are used the HTML,CSS AND JAVA SCRIPT.

OUTCOME OF THE PROJECT:

The first and foremost outcome is the effective homepage which is similar is actual homepage which is present in irctc application.The next finding the trains between the source and destination.the form which is required to take the details from the passengers.the login page and successfully interlinked the webpages to the homepage such as trains,booked tickets ,showing the cancelled tickets,booking a meals in journey,contact us page which is most essential page where the customer can clarify the doubts,rate us page where people can give their feedback,logout.

In this project we don't have given servers so all the static pages and data in those are static and small events are used in making effective.

DESCRIPTION OF PROJECT:-

The project is done by using hypertext markup language and cascading style sheet which makes the webpage colorful and required format and javascript.

The project consists of many webpages interlinked to the main homepage.these done by using modules in their respective languages.

The parts in Homepage:

1.background

2.form

3.heading

4.listed items

5.footer

Explanation of each part :

1.background

The homepage is having a effective background image which is related to our project.and this done by giving the attribute in css to the body of the homepage

Written type of background image attribute in css is::

Background-image:url("path of image");

2.form

The most and essential thing in the project is creating a form which is essential to take the data from the passenger.

In this form we used two text boxes for source and destination of the journey and one for date and one select option for choosing the class.
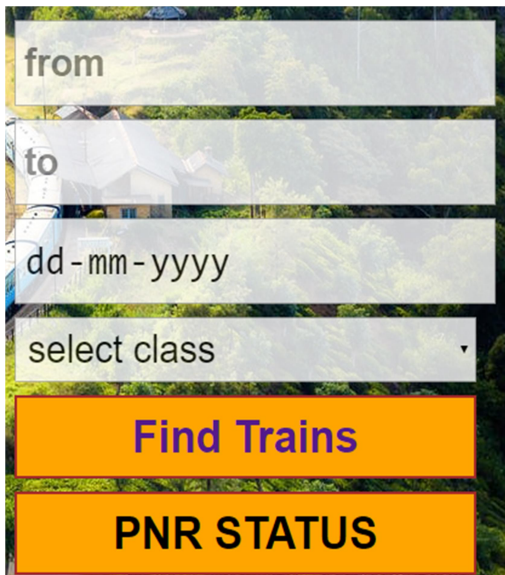
```
<form>

<input type="text" name="source">

<input type="date" name="date">

<select>

<option value="class"></option>

</select>

</form>
```

The output of form is:

3.Heading:-

we used the "Irctc @easy way in seconds" in the homepage.

The code for this is:

In this project listed items are used to create the modules such as home ,announcements ,trains ,booked tickects ,cancelled tickets,meals booking,contact us ,rate us,login.
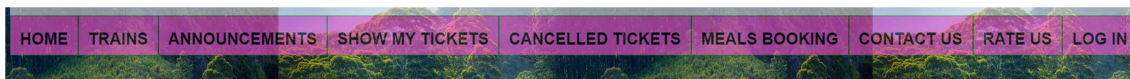
The code for writing listed items is:

```
<ul>

    <li><a href="#">name of the module</a></li>
```


The output is :

- [Home](#)
- [Trains](#)
- [Announcements](#)
- [Show my tickets](#)
- [Cancelled tickets](#)
- [Meals booking](#)
- [Contact us](#)
- [Rate us](#)
- [Log in](#)

After using the css the output:

The code of css of above is:

```
.class1 li{
  float:left;
  display: inline;
  padding:06px 16px 06px 16px;
  border: solid 1px green;
  background-color:#FA58D0;
  text-align: center;
  fon
}
```

5.footer:-

The footer is mainly used to write the copyright of the site.

The code for writing the footer is:

```
<footer class="footer">
  <p>Irctc,<span class="foot">copyright &copy; 2019</span></p>
</footer>
```

The output is:

After this using modules the complete homepage is:

THE MODULES ARE:-

1.home

2.trains

3.announcements

4.contact us

5.rate us

6.booked tickets

7.cancelled tickets

8.meals booking

Explanation :-

1.home:

The homepage is itself indicates the home module.

2.TRAINS:

This module indicates that the list of trains.the data enclosed in tabular form.and we given a hyper reference link to the each train present in the list.

The code for making table eith data of trains which having name of the train , from ,destination,arrival and departure time is:

```
<tr class="cs2">

    <th>s.no</th>

    <th>name of the train</th>

    <th>from</th>

    <th>to</th>

    <th>time of departure</th>

    <th>time of arrival</th>

</tr>
```

Here tr means table row and th means table heading.

The output is:

S.NO	NAME OF THE TRAIN	FROM	TO	TIME OF DEPARTURE	TIME OF ARRIVAL
01	KONGU XPRESS	H NIZAMUDDIN	KURNOOL	08:00 AM	12:00 PM
02	HYD KONGU XPRESS	HYDERABAD	BANGLORE	08:00 AM	12:00 PM
03	KARNATAKA XPRESS	H NIZAMUDDIN	KARNATAKA	08:00 AM	12:00 PM
04	KERALA XPRESS	DELHI	KERALA	08:00 AM	12:00 PM
05	KANCHI XPRESS	H NIZAMUDDIN	KANCHI	08:00 AM	12:00 PM
06	SAMPARKRANTI XPRESS	H NIZAMUDDIN	KURNOOL	08:00 AM	12:00 PM
07	AP XPRESS	DELHI	TIRUPATHI	08:00 AM	12:00 PM

3.ANNOUNCEMENTS:-

This page indicates the how the announcements are going in the railway system.the announcements like if there is any delay or short time arrival and any issues related to cancelling trains etc…
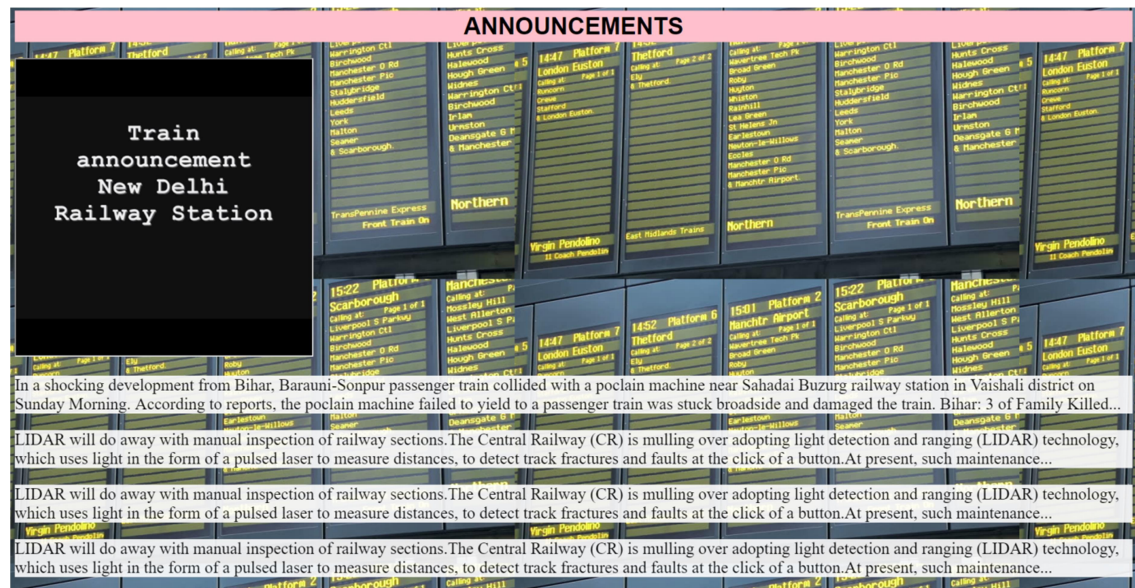
In this project we given a small video by using tag given below:

<iframe src="123.mp4" width="500px" height="500px"></iframe>

And the paragraphs of announcements are given by using the tag:

<p> data of paragraph</p>

The output is:

4.CONTACT US:-

This page indicates the details about the department of railway in this all the details such as contact numbers and emails where customers can clarify the doubts related to any issues of journey.

In this project I used some paragraph tags and heading tags to put the details.

The code for this page is:

<p>Customer Care Numbers :0755-6610661, 0755-4090600 (Language: Hindi and English)</p>

 <p>For Railway tickets booked through IRCTC </p>

 <p>General Information</p>

 <p>I-tickets/e-tickets : <ahref="#">care@irctc.co.in</p

 <p>For Cancellation E-tickets : </p>

 <p>For Mumbai Suburban Season tickets : seasontickets@irctc.co.in</p>

The output is:

CONTACT US

Customer Care Numbers :0755-6610661, 0755-4090600 (Language: Hindi and English)

For Railway tickets booked through IRCTC

General Information

I-tickets/e-tickets : care@irctc.co.in

For Cancellation E-tickets : etickets@irctc.co.in

For Mumbai Suburban Season tickets : seasontickets@irctc.co.in

For IRCTC SBI Card users who do not receive the card within 01 month from the date of application kindly call on the Railway SBI Card Helpline nos. at 0124-39021212 or 18001801295 (if calling from BSNL/MTNL line) or send email to feedback.gesbi@ge.com. For other queries on your IRCTC SBI card account, kindly email at loyaltyprogram@irctc.co.in

Registered Office / Corporate Office :

Indian Railway Catering and Tourism Corporation Ltd.,
B-148, 11th Floor, Statesman House,
Barakhamba Road, New Delhi 110001.

6.RATE US:-

This page indicates the feedback form and by this they can improve the needs.

In this project we are given a module called rate us where the customers can give their rating out of five and feedback description.

The code used is :

Mainly the radio button

<p>1<input type="radio" name="hi " value="hi"></p>

<textarea name="name" rows="8" cols="80" placeholder="please give ur valuble feedback"></textarea>

 The output is:

All these modules are inter linked to the homepage.

The code used to link any page to other page is given by :

<link rel href="name of page.html"> for html

<link rel href=stylesheet type="text/css" >

DESCRIPTION OF WORK DIVISION IN TERMS OF ROLES AMONG STUDENTS:-

In this project ,total no of students are three.

One of the three has contribution of creating a homepage and rate us and contact us and fair calculating.i.e reg no:11802394

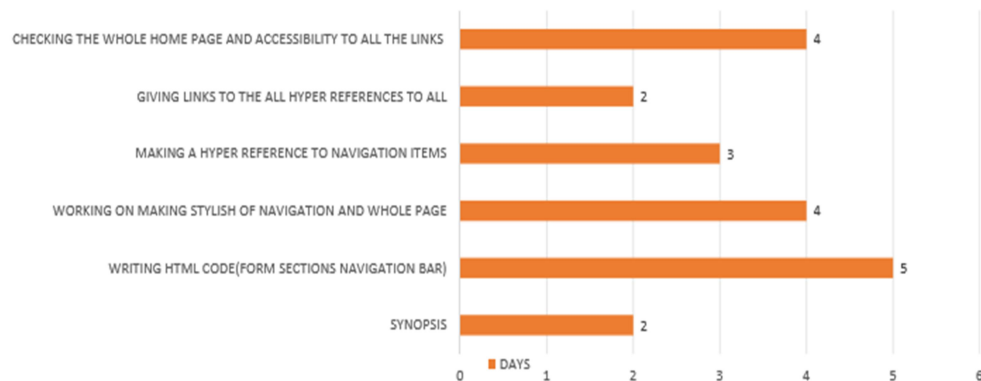Second one is done with trains and announcements i.e reg no:

Third one is not participated in the project.

IMPLEMENTATION OF SCHEDULED WORK OF PROJECT:-

The work is divided and scheduled by using ghantt chart which describes the work division with the help of bar graphs.

By taking the no of days along the x-axis and work division on the y-axis.

The following ghantt chart represents the work division;

ANALYSIS:-

The project is analysed interms Strengths, Weaknesses, Opportunities and Threats which called as SWOT analysis.

STRENGTHS:

- ➢ The safety and secured data other than the others.
- ➢ Easy and time reduceble.
- ➢ Technological advanced.
- ➢ Luxurious.

WEAKNESS:-

- ➢ The main weakness in this project is servers.
- ➢ Database management
- ➢ Payment method.

OPPURTUNITIES:-

- ➢ Accessible at any where in anytime.
- ➢ They can modify the data

THREATS:-

- ➢ The main threat is in payment section.
- ➢ This cannot in the case in the stations.

CONCLUSION:-

- ➢ Finally we completed our project, and there are some issues in the project example payment mode.
- ➢ We should take care about the threats and safety measures.
- ➢ By using this online reservation system of railway:
- ➢ We can reduce the paper waste.
- ➢ It is data secure.

THANK YOU