

ONLINE RAILWAY RESERVATION SYSTEM

END TERM REPORT

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STUDENT DECLARATION

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

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INTRODUCTION

The railway reservation system is mainly developed for to automate this reservation system .it includes required to successfully operated railway reservation system smoothly It aims to make reservation system easier to users or passengers and to make it completely online and it also helps users to save their process by not going to station and make reservation in older way and also completely paperless. It has very efficient way work with its interface to users and at the same time operators also. This site makes reservation system easier and we can choose trains and seats of our choice . this site used to save the time.

BACKGROUND AND OBJECTIVES

The online railway reservation system website is mainly used to simplify the railway ticket booking process . the passenger can provide required details and make reservation . they can choose how many seats and which type of seats as they want The passenger can see fare details and also they can make the payment in online mode. It is time efficient and reduced operational time. This software package can be readily used by non-programming personal avoiding human handled .

The system site data can be accessed by administrator. The administrator can access and modify the information stored in the database of the system. This includes adding and updating of train information, train routes, and also managing and updating of user and passenger data etc.

USES AND SCOPE OF PROJECT

This site large scope which can implemented online and used for public. It has many features some of the following features are:

- It makes reservation system automatic
- Management of online payment
- Management of online database
- It has no need of paper work
- To save the environment by using paper free work.
- It increases the accuracy and efficiency of the software.
- Simplified management of passengers

This software package can be readily used by non-programming personal avoiding human handled chance of error. This project can be used by three types of users:

- Railway administrator
- Authorized railway reservation counters
- Sign up ed users

DESCRIPTION OF PROJECT

The site has facility of completely online mode users can sign up and login in to the site make reservation easily the using or making reservation in this site can be shown by following steps:

1.Firstly we have to open site ONLINE RAILWAY RESERVATION SYSTEM.

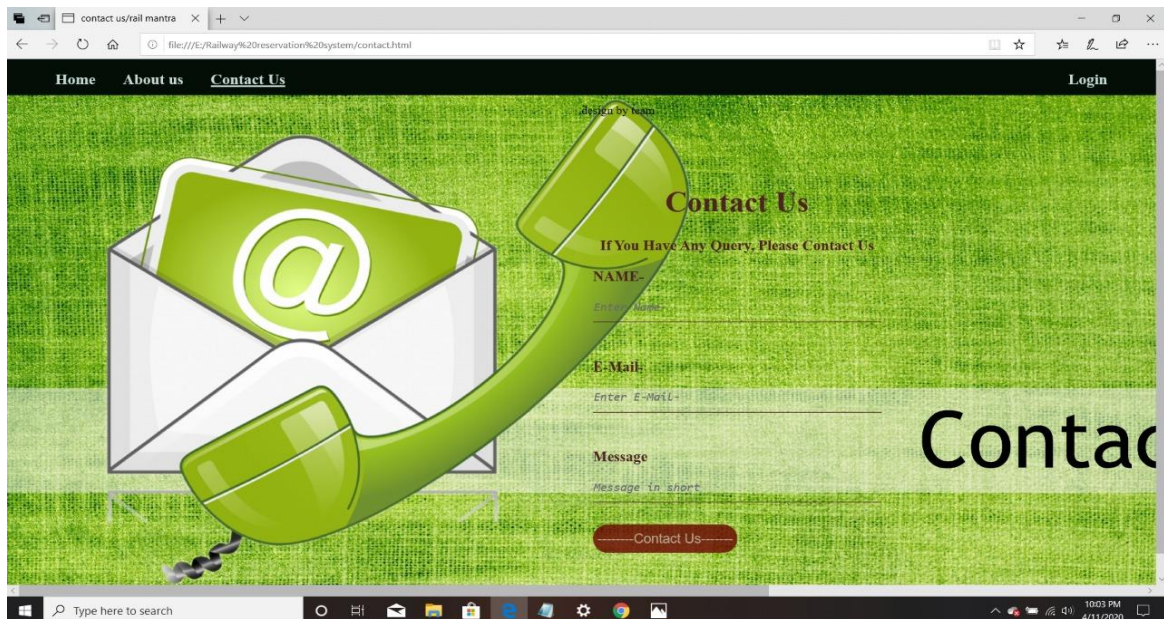
We can see the following page:



By opening the site the user can see above page in that the contents like home, about us, contact us, login.

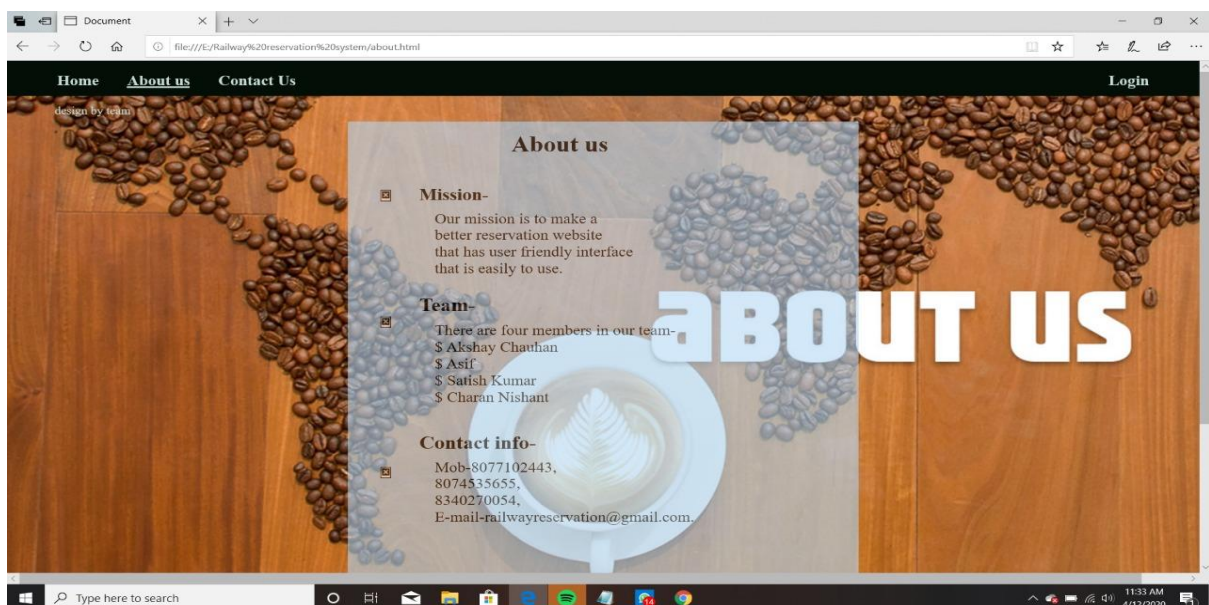
The user have to click on login. If the user want know any information about us click on about us the user will redirected to about us page . if he or she have any query

regarding booking they can click on contact us automatically they will redirected to following page



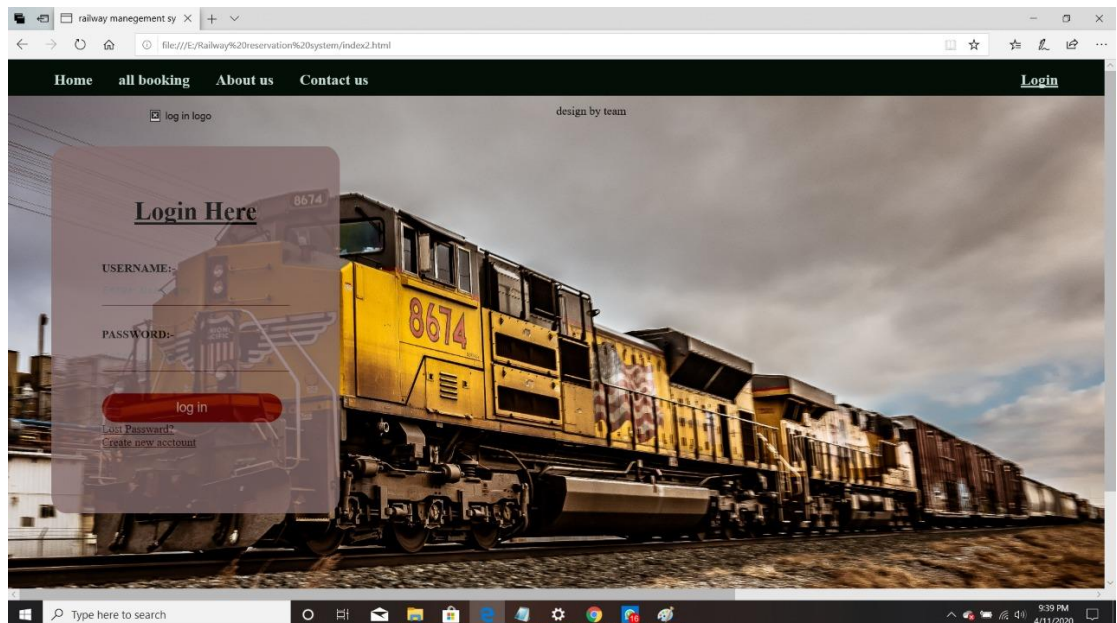
The user can enter the required details mentioned in above image and they can clarify their query.

If the user click on the about us it shows following page:



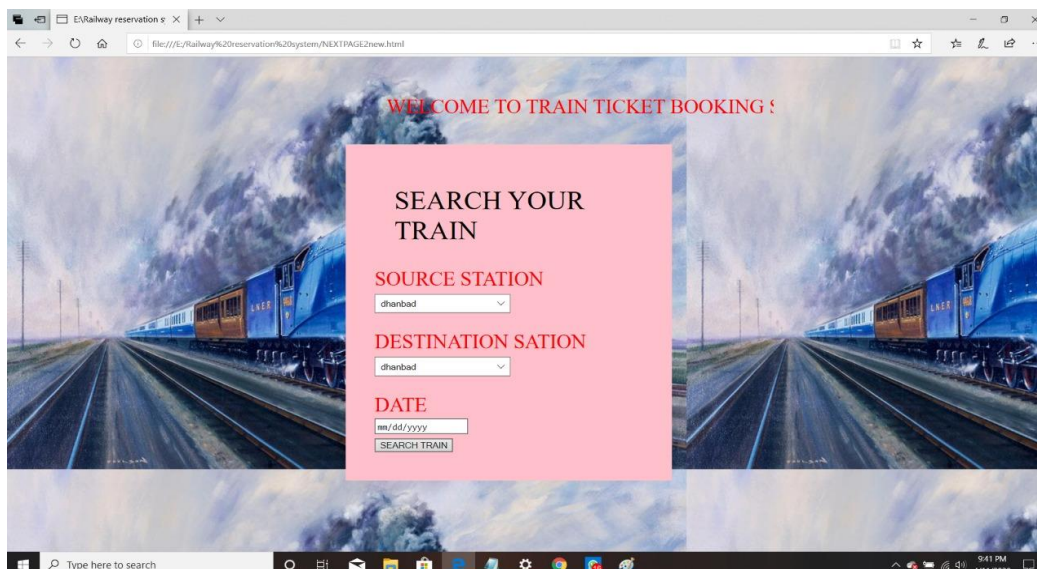
By using above information the user can know about us then if they have any queries they can easily contact us through mail or phone number.

1. After entered in to the login page the user have to give required details it was shown in following image:



If the user already have an account in railmantra site they can login using their username and password. if they didn't have they can click on create new account. After giving all required details users have to click on all booking button and then they will be redirected to station and date selection page.

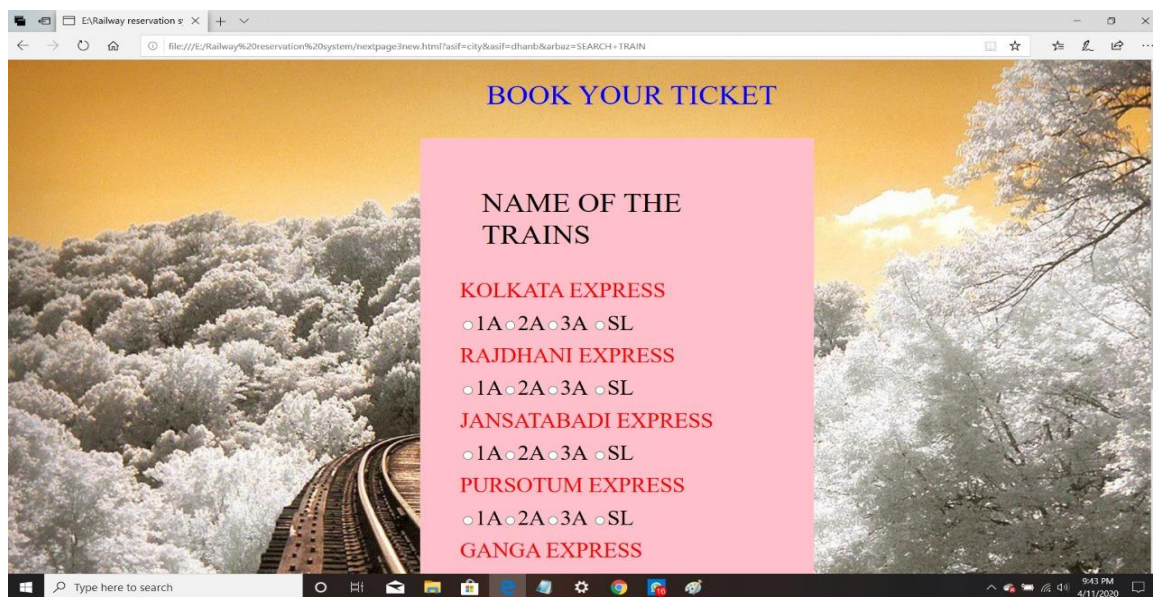
3. the booking page will be shown like this:



In this user have to give the name of source station and destination station after they have to select date of their journey then the users have to click on search button .

Then the users will be redirected to train and seat bookin page.

4.The train and seat booking page will shown like this:



In the above page users can see the names and available seats of various train for that particular given route, the users can select their choice of train and seat and click on ok button, automatically they will be redirected to price confirm page.

5. it will shown like this:



In the page shown it displays price of particular train and seat. The users have to click on confirm page, or if users want to make some changes in train and seat selection they can click on back page. By clicking on confirm button the users will be redirected to user information page.

6. After clicking on the confirm the user information page will be shown:

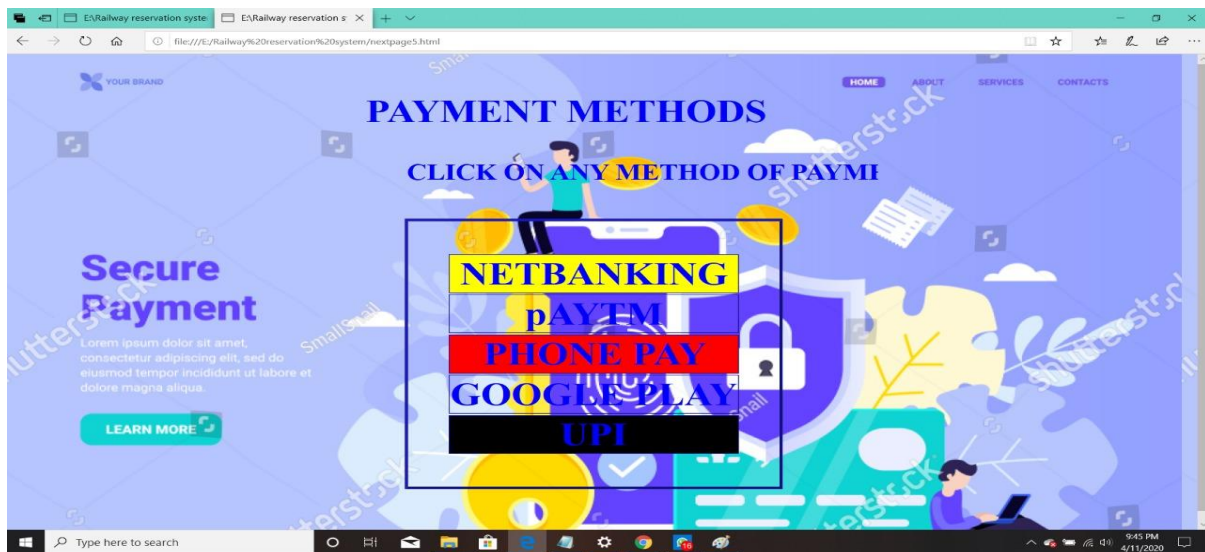
 A screenshot of a web browser window showing a form titled 'FILL THE USER INFORMATION' in red text. The form is overlaid on a background image of a train. The form fields are:

- EMAIL ID:
- phone Number:
- Gender: ☐ M ☐ F
- Age:
- Address:
- Nationality:

In the above page the user to give required details like email id, phone no., age like this after giving of all this details and by

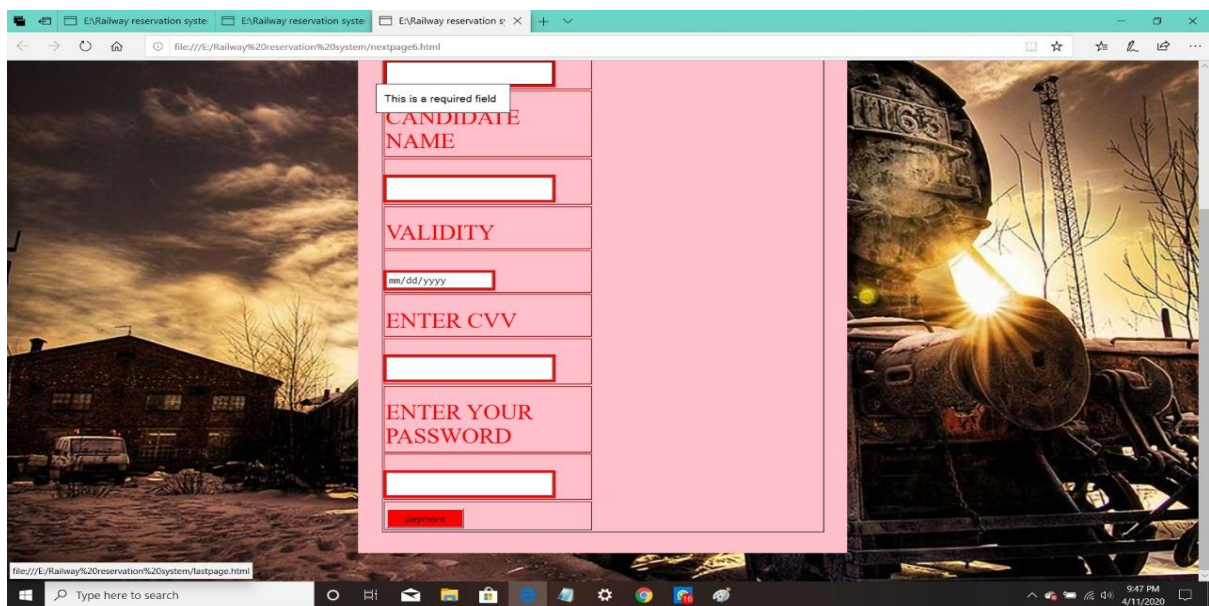
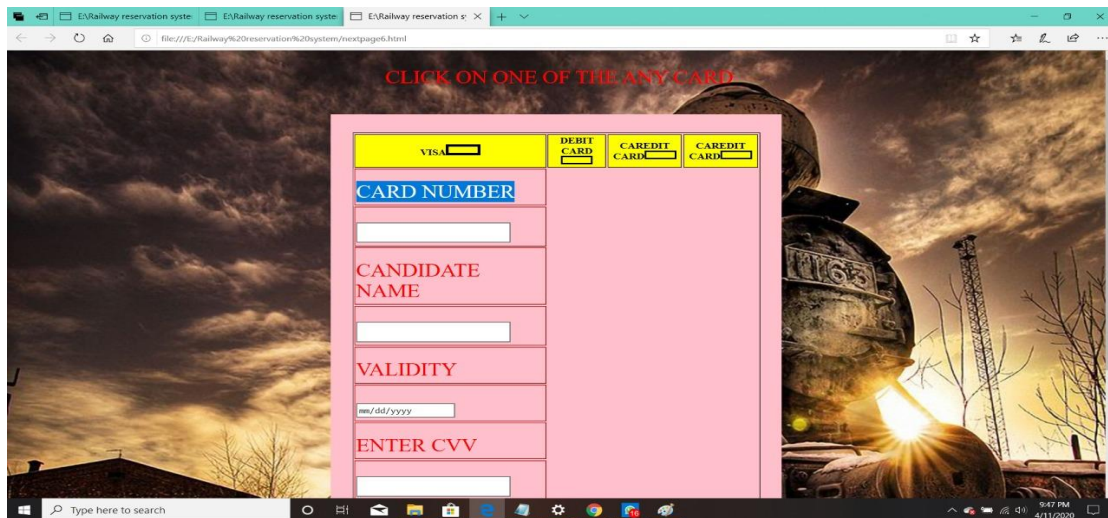
clicking on ok button the user will automatically redirected to payment page.

7. the payment page will be shown like this:



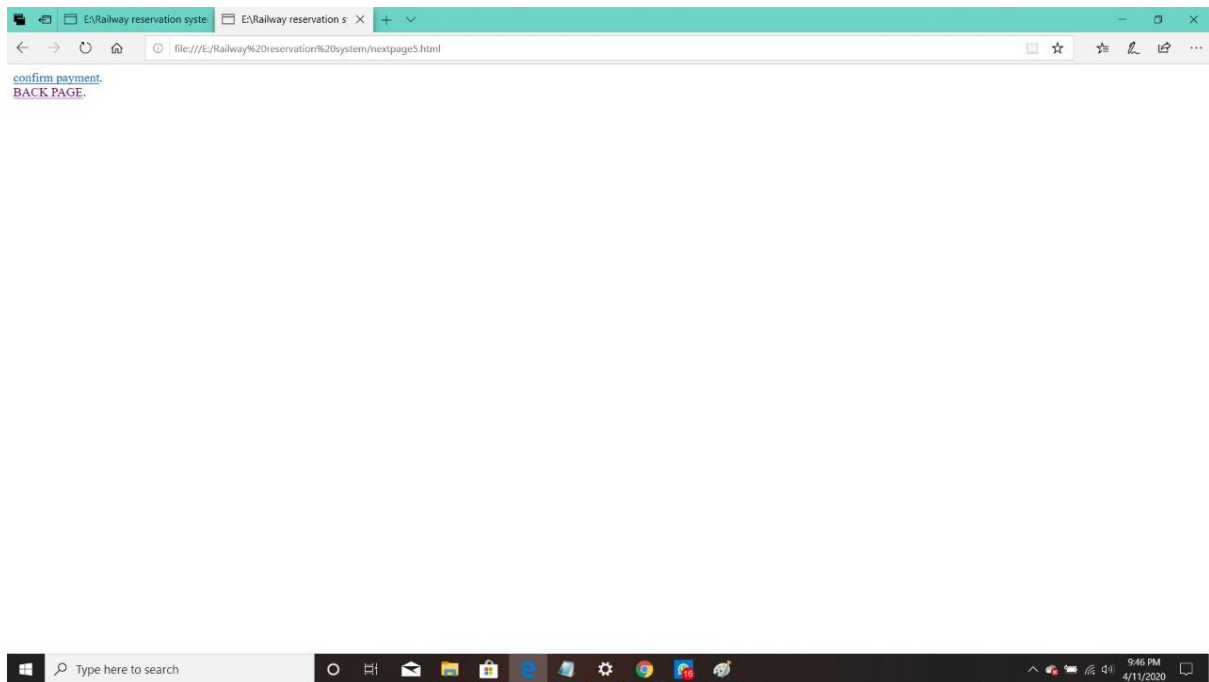
In the above payment page the users can see the various payment methods like netbanking, paytm, phonepay, googlepay, upi methods the users can select any of them if the user selects paytm they will be redirected to paytm site ,or they can select any of the options. If they selects netbanking option they will be redirected to banking payment page.

7. the net banking payment page will be shown like this:



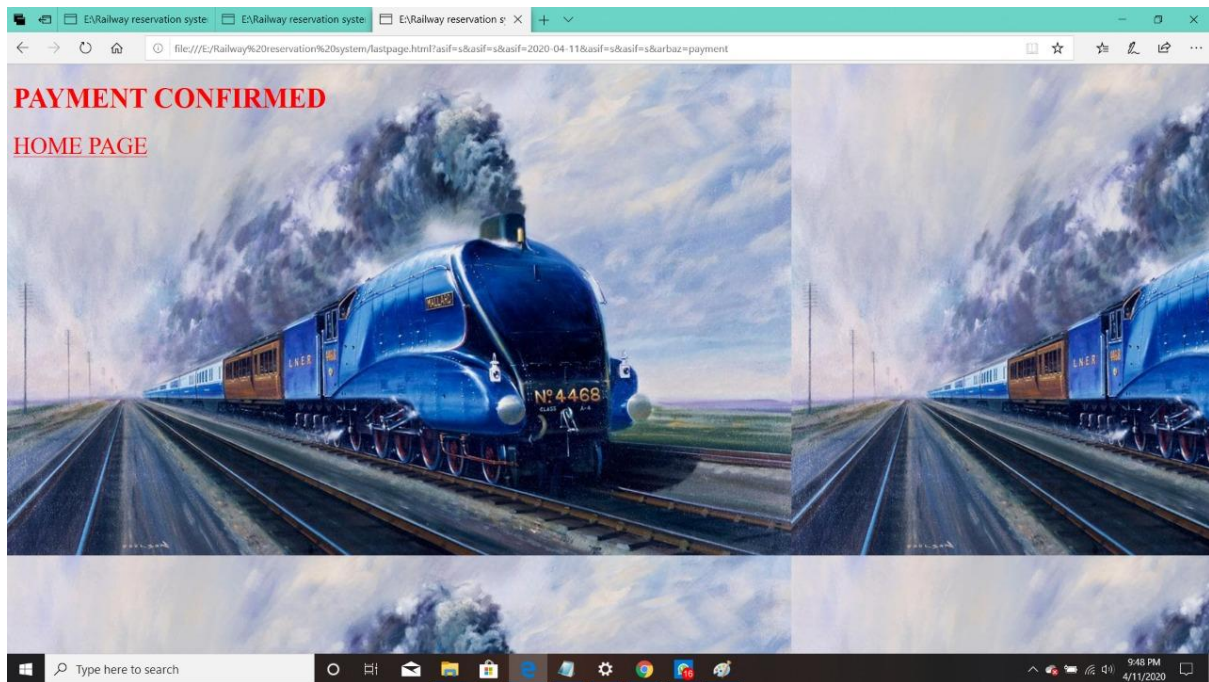
In the above payment page the users have to give required details like card number, cvv, validity like that. After giving all details the user have to click on payment button.

8.after clicking on payment button the user will redirected to confirm payment page it will be like this:



In the above page it shows confirm payment and back page. If the user click on confirm payment option he or she will be redirected to another page or the user wants to make changes in payment they can click on back page option.

After clicking on confirm payment option users will be redirected to below following shown page:



If it shows like above page the user ticket was confirmed .

By this following above steps the user can book his or him tickets easily online process after booking ticket the user will get their ticket by email id. This process is very human handy interface and very efficient even it is also time saving and paper saving process

LANGUAGES USED

HTML:- it is a hyper text markup language it give seye catchy look the site and give easy interface GUI. We have used this for providing information in the site .

CSS:- it is used for cascading style of the site and for desgining of the site we have used this gor graphics purpose of the site.

JAVA SCRIPT:- it is used for proper functionality of web page and making the webpage dynamically.

BONAFIED CERTIFICATE

Certified that this project “online railway reservation system” is the bonafied work of “Satish kumar, MD.Asif Ali, Akshay chouhan, charan Nishanth” who carried out the whole project work under my supervision.

Signature of the supervisor:

Name of the supervisor:

Academic designation:

ID of supervisor:

Department of supervisor: