

# **Railway Reservation System**

## **21CSS101J – PROGRAMMING FOR PROBLEM-SOLVING**

### **Mini Project Report**

*Submitted by*

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**SCHOOL OF COMPUTING  
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SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(Under Section 3 of UGC Act, 1956)**

**S.R.M. NAGAR, KATTANKULATHUR – 603 203  
CHENGALPATTU DISTRICT**

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## **BONAFIDE CERTIFICATE**

Certified                      that                      Mini                      project                      report                      titled  
\_\_\_\_\_ is the bonafide work of  
Reg.No \_\_\_\_\_ Name \_\_\_\_\_ who carried out  
the minor project under my supervision. Certified further, that to the best of my knowledge, the  
work reported herein does not form any other project report or dissertation on the basis of which a  
degree or award was conferred on an earlier occasion on this or any other candidate.

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## **1.Problem Statement**

The Railway Reservation System is basically developed in order to perform Online ticket reservation and enquiry. Every time a ticket is booked there must be a proper record to be maintained and also the ticket status, availability status must be updated time to time. There may be any new addition of trains and train being deleted or a station added or deleted which must be updated prior in the database . The reservation option enables a person to reserve for a ticket in an easier and efficient manner. Once the train is available the person will be asked to enter his personal details and his requirements regarding the coach and birth. After this the reservation database is updated with the person details, train name and also the source and destination place and a unique PNR number is generated and given as the reference number for the user. The availability status is changed according to the number of tickets booked . The enquiry option allows the user to enter the PNR number and get the current details about the ticket.

## **2.Methodology / Procedure/ Algorithm**

- (a) The first step is to implement a structure for taking the details of the passengers, like name, gender, and age.
- (b) Five functions are defined void details(int), void add\_node(char, char, int), int seat(int), int cal(int, int, int), void bill(int, int) to work smoothly.
- (c) There are three elements in the structure like two strings one for taking passenger name and gender and one integer for taking passenger age. Also, a structure pointer will be used which helps to link the next node of another passenger. It is similar to the linked list.
- (d) Character arrays are defined and some integer arrays are defined globally.
- (e) Take the number of passengers as input and these details are sent to the details() function.  
Execute a for loop to take details of each passenger.
- (f) The details inputted by the user will be sent to the add\_node() function.
- (g) In the add\_node function, every detail will store in a node for each passenger. These nodes will link each other. This is based on the linked list concept.
- (h) Take the input for source place, destination place and it will give some choice of trains available. Based on that user has to give a choice. Then call the cal() function.
- (i) In cal() function, the user has to give a choice for sleeper or a.c. class. If the user chooses a.c. class another three options will open where the user has to give another choice based on that the system will add 18% GST on the amount and make total amount.
- (j) Call the seat() function where a seat matrix will be given to the user and the user has to choose a seat same with the number of passengers.
- (k) At last, call the bill() function where the total bill amount with all the necessary details will be displayed.

### 3.Coding

```
import mysql.connector
db=mysql.connector.connect(host='localhost',user='root',pass
word='akshat@123')
c=db.cursor()
s="create database railway104"
c.execute(s)
s="use railway104"
c.execute(s)
s="create table railway(PNR_No varchar(10),pname
varchar(30), Age integer,Train_No varchar(10),train_name
varchar(30),gender varchar(10),Class varchar(10),source
varchar(20),Destination varchar(30),fare integer)"
c.execute(s)
s="create table user_accounts(fname varchar(100),lname
varchar(100),user_name varchar(100),password varchar(100)
,phno varchar(15),gender varchar(50),dob varchar(50),age
varchar(4))"
c.execute(s)
s="create table train_details(Train_Name varchar(30),
Train_No varchar(20),Source varchar(30), Destination
varchar(30), Ac1 varchar(20),Ac2 varchar(20), Ac3
varchar(20), Sleeper varchar(10))"
c.execute(s)
s="insert into train_details values('delhi
express','2365','delhi','jaipur',6000,'5000','4000','4000')"
c.execute(s)
s="insert into train_details values('goa
express','3425','agra','goa',10000,'9000','8000','7000')"
c.execute(s)
s="insert into train_details values('chennai
express','1267','delhi','chennai',12000,'10000','9000','7000')"
c.execute(s)
```

```
        else:

            continue

    elif ch1==2:
        a=checking_1()
        if a==True:
            main()
        else:
            print('PASSWORD ALREADY EXISTS')
            continue

    elif ch1==3:
        c=checking_2()
        if c==True:

            print('ACCOUNT DELETED')
            continue
        else:
            print('YOUR PASSWAORD OR USER_NAME IS
INCORRECT')
            continue
    elif ch1==4:
        print('THANK YOU')
        break
    else:
        print('ERROR 404:PAGE NOT FOUND')
        break
```

```

print('1.YES')
print('2.NO')
ch=int(input('DO YOU WANT TO CONTINUE OR NOT:'))

def main():
    print('1.YES')
    print('2.NO')
    c=int(input("DO YOU WANT TO CONTINUE OR NOT:"))
    while (c==1):
        print(' 1.TICKET BOOKING','\n', '2.TICKET
CHECKING','\n','3.TICKET CANCELLING','\n','4.ACCOUNT
DETAILS','\n','5.LOG OUT')
        ch=int(input('enter ur choice:'))
        if ch==1:
            ticket_booking()
        elif ch==2:
            ticket_checking()
        elif ch==3:
            ticket_cancelling()
        elif ch==4:
            checking_3()

        elif ch==5:
            print("THANK YOU")
            break
        else:
            print('WRONG INPUT')

```



```

else:
    print('ERROR 404: ERROR PAGE NOT FOUND')

def ticket_booking():
    mycon.autocommit=True
    print("*****AVAILABLE TRAINS*****")
    g="select*from train_details"
    cursor.execute(g)
    data=cursor.fetchall()
    Data=list(data)

    a=['TRAIN_NAME','TRAIN_NO','SOURCE','DESTINATION','AC1',
    'AC2','AC3','SLEEPER']
    print(tabulate(data,headers=a,tablefmt="psql"))

    print("2365.DELHI EXPRESS")
    print("3425.GOA EXPRESS")
    print("1267.CHENNAI EXPRESS")
    print("2564.SABARMATI EXPRESS")
    x=input("ENTER THE TRAIN NO. FOR MORE TICKET
    OPTIONS:")
    n=int(input("HOW MANY TICKETS YOU WANT\n(YOU CAN
    BOOK ONLY 2 TICKETS):"))

    if n<=2:

        if x=='2365':

            g=delhi()

```

```

h="JAIPUR"
c1="DELHI"
c2="DELHI EXPRESS"

elif x=='3425':
    g=goa()
    h="GOA"
    c1="AGRA"
    c2="GOA EXPRESS"
elif x=='1267':
    g=chennai()
    h="CHENNAI"
    c1="DELHI"
    c2="CHENNAI EXPRESS"
elif x=='2564':
    g=sabarmati()
    h="GUJARAT"
    c1="AGRA"
    c2="SABARMATI EXPRESS"
else:
    print("INVALID OPTION")
pnrno=random.randint(1000,3000)
for i in range (n):
    b=input("ENTER THE PERSON'S NAME:")
    c=input("ENTER THE AGE:")
    print(' M=MALE','\n','F=FEMALE','\n','N=NOT TO
MENTION')
    v={'m':'MALE','f':'FEMALE','n':'NOT TO MENTION'}

```

```

        s=input("ENTER THE GENDER:")
        s2="insert into railway
values('{}','{}','{}','{}','{}','{}','{}','{}','{}','{}').format(pnrno,b,c,x,c2,s,g[1]
,c1,h,g[0])
        cursor.execute(s2)

        print('BOOKED SUCCESSFULLY')
        print("YOUR PNR NO. GENERATED IS :",pnrno)
    else:
        print("MORE THAN 2 TICKETS ARE NOT ALLOWED")

def delhi():
    x=input("ENTER YOUR CHOICE OF
TICKET(AC1/AC2/AC3/SLEEPER):")
    if(x=='ac1'):
        print ("YOU HAVE Chosen FIRST CLASS AC TICKET")
        s=6000
    elif (x=='ac2'):
        print ("YOU HAVE Chosen SECOND CLASS AC TICKET")
        s=5000
    elif (x=='ac3'):
        print ("YOU HAVE Chosen THIRD CLASS AC TICKET")
        s=4000
    elif (x=='sleeper'):

```

```
        print ("YOU HAVE Chosen SLEEPER TICKET")
        s=3000
    else:
        print("Invalid option")
    print("YOUR TICKET PRICE FOR EACH IS ",s,"\n")
    return s,x

def sabarmati():
    x=input("ENTER YOUR CHOICE OF
TICKET(AC1/AC2/AC3/SLEEPER):")
    if(x=='ac1'):
        print ("YOU HAVE Chosen FIRST CLASS AC TICKET")
        s=9000
    elif (x=='ac2'):
        print ("YOU HAVE Chosen SECOND CLASS AC TICKET")
        s=8000
    elif (x=='ac3'):
        print ("YOU HAVE Chosen THIRD CLASS AC TICKET")
        s=7000
    elif (x=='sleeper'):
        print ("YOU HAVE Chosen SLEEPER TICKET")
        s=5000
    else:
        print("Invalid option")
    print("YOUR TOTAL TICKET PRICE FOR EACH IS ",s,"\n")
```

```
    return s,x

def goa():
    x=input("ENTER YOUR CHOICE OF
TICKET(AC1/AC2/AC3/SLEEPER):")

    if(x=='ac1'):
        print ("YOU HAVE Chosen FIRST CLASS AC TICKET")
        s=10000
    elif (x=='ac2'):
        print ("YOU HAVE Chosen SECOND CLASS AC TICKET")
        s=9000
    elif (x=='ac3'):
        print ("YOU HAVE Chosen THIRD CLASS AC TICKET")
        s=8000
    elif (x=='sleeper'):
        print ("YOU HAVE Chosen SLEEPER TICKET")
        s=7000
    else:
        print("Invalid option")
    print("YOUR TOTAL TICKET PRICE FOR EACH IS ",s,"\n")
    return s,x

def chennai():
    x=input("ENTER YOUR CHOICE OF
TICKET(AC1/AC2/AC3/SLEEPER):")
```

```
if(x=='ac1'):
    print ("YOU HAVE Chosen FIRST CLASS AC TICKET")
    s=12000
elif (x=='ac2'):
    print ("YOU HAVE Chosen SECOND CLASS AC TICKET")
    s=10000
elif (x=='ac3'):
    print ("YOU HAVE Chosen THIRD CLASS AC TICKET")
    s=9000
elif (x=='sleeper'):
    print ("YOU HAVE Chosen SLEEPER TICKET")
    s=7000
else:
    print("Invalid option")
print("YOUR TOTAL TICKET PRICE FOR EACH IS ",s,"\n")
return s,x

def ticket_checking():
    print('1.yes')
    print('2.no')

    ch=int(input("WANT TO CHECK A TICKET:"))

    if ch==1:
        pnrno=int(input('ENTER YOUR GENERATED PNR NO.:'))
        try:
```

```

        s1="select * from railway where
pnr_no='{}'.format(pnrno)
        cursor.execute(s1)
        data=cursor.fetchall()
        Data=list(data)
        a=['PNRNO','P.NAME','AGE','TRAIN NO.','TRAIN
NAME','GENDER','CLASS','SOURCE','DESTINATION','FARE']
        print(tabulate(data,headers=a,tablefmt="psql"))
    except:
        print('TICKET DOES NOT EXISTS')
    elif ch==2:
        print('THANK YOU')
    else:
        print('ERROR 404:PAGE NOT FOUND')

def ticket_cancelling():
    print('1.yes')
    print('2.no')
    ch=int(input("WANT TO CANCEL A TICKET:"))
    if ch==1:
        pnrno=input('ENTER THE PNR NO:')
        s1="delete from railway where pnr_no='{}'.format(pnrno)
        cursor.execute(s1)
        print('TICKET CANCELLED')
    elif ch==2:
        print('THANK YOU')
    else:
        print('ERROR 404:PAGE NOT FOUND')

```

```

def checking_2():
    a=input('USER NAME:')
    b=input('PASS WORD:')
    try:
        s1="select user_name from user_accounts where
password='{}'".format(b)
        cursor.execute(s1)
        data=cursor.fetchall()[0]
        data=list(data)
        if data[0]==a:
            print('IS THIS YOUR ACCOUNT')
            s1="select user_name from user_accounts where
password='{}'".format(b)
            c1="select fname,lname from user_accounts where
password='{}'".format(b)
            cursor.execute(c1)
            data1=cursor.fetchall()[0]
            data1=list(data1)
            data1=data1[0]+' '+data1[1]
            cursor.execute(s1)
            data=cursor.fetchall()[0]
            data=list(data)
            if data[0]==a:
                x=['FIRST NAME','LAST NAME','PHONE
NUMBER','GENDER','DATE OF BIRTH','AGE']
                s1="select fname,lname,phno,gender,dob,age from
user_accounts where password='{}'".format(b)
                cursor.execute(s1)

```



```

        data=cursor.fetchall()[0]
        data=list(data)
        for i in range(0,6):
            print(x[i],':::',data[i])
        print('1.yes')
        print('2.no')
        vi=int(input('enter your choice:'))
        if vi==1:
            b1="delete from user_accounts where password
= '{}'.format(b)
            cursor.execute(b1)
            return True
        elif vi==2:
            print('SORRY,RETRY')
        else:
            print('ERROR 404:PAGE NOT FOUND')
    else:
        return False
except:
    print('ACCOUNT DOES NOT EXIST')

def checking_1():
    f=input("FIRST NAME\t\t:")
    l=input("LAST NAME \t\t:")
    n=f+" "+l
    a=input('USER NAME \t\t:')
    b=input('PASS WORD \t\t:')

```

```

c=input('RE-ENTER YOUR PASS WORD :')
ph=input("PHONE NUMBER\t\t:")
print(' M=MALE','\n','F=FEMALE','\n','N=NOT TO
MENTION')

gen=input('ENTER YOUR GENDER\t:')
print("ENTER YOR DATE OF BIRTH")
d=input("Date(DD)  :")
o=input("Month(MM)  :")
p=input("Year(YYYY) :")
dob=d+'/'+o+'/'+p
age=input('YOUR AGE  \t\t:')
v={'m':'MALE','f':'FEMALE','n':'NOT TO MENTION'}
if b==c:
    try:
        c1="insert into user_accounts
values('{}','{}','{}','{}','{}','{}','{}','{}').format(f,l,a,b,ph,v[gen],dob,age)
        cursor.execute(c1)
        print('WELCOME',f,' ',l)
        return True
    except:
        print('PASSWORD ALREADY EXISTS')
        return False
else:
    print('BOTH PASSWORDS ARE NOT MATCHING')

def checking():
    a=input('USER NAME:')
    b=input('PASS WORD:')

```

```

try:
    s1="select user_name from user_accounts where
password='{}'".format(b)
    c1="select fname,lname from user_accounts where
password='{}'".format(b)
    cursor.execute(c1)
    data1=cursor.fetchall()[0]

    data1=list(data1)
    data1=data1[0]+' '+data1[1]
    cursor.execute(s1)
    data=cursor.fetchall()[0]
    data=list(data)[0]
    if data==a:
        print(' HII ',data1)
        return True
    else:
        return False
except:
    print('ACCOUNT DOES NOT EXIST')

def checking_3():
    a=input('USER NAME:')
    b=input('PASS WORD:')
    try:

```

```

        s1="select user_name from user_accounts where
password='{}'.format(b)

        c1="select fname,lname from user_accounts where
password='{}'.format(b)

        cursor.execute(c1)
        data1=cursor.fetchall()[0]
        data1=list(data1)
        data1=data1[0]+' '+data1[1]
        cursor.execute(s1)
        data=cursor.fetchall()[0]
        data=list(data)
        if data[0]==a:

            x=['FIRST NAME','LAST NAME','PHONE
NUMBER','GENDER','DATE OF BIRTH','AGE']

            s1="select fname,lname,phno,gender,dob,age from
user_accounts where password='{}'.format(b)

            cursor.execute(s1)
            data=cursor.fetchall()
            data=list(data)
            print(tabulate(data,headers=x,tablefmt="psql"))
        else:
            return False
    except:
        print('ACCOUNT DOES NOT EXIST')

menu()

```

## 4.Front-End Code

### Index Code—

```
<!DOCTYPE .python>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport"
content="width=device-width, initial-scale=1.0">
  <title>Railway Reservation System</title>
  <link href='https://fonts.googleapis.com/css?family=Oswald:300' rel='stylesheet'
type='text/css'>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/twitter-
bootstrap/4.1.3/css/bootstrap.min.css">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/ionicons/2.0.1/css/ionicons.min.css">
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <nav>
      <a href="index.py" class="btn">Home</a>
      <a href="login.py" class="btn">Login</a>
      <a href="about-us.py" class="btn">About</a>
      <a href="contact-us.py" class="btn">Contact Us</a>
    </nav>
  </header>
  <main>
    <section class="intro">
      <div class="caption">
        <h3>"Welcome to our official page! Please book your ticket and don't forget to
reach us if needed!"</h3>
      </div>
      <center>
        <div class="inquiry">
        <div class="title">
```

Find Trains

</div>

<form action="bookingdetails.py" method="GET">

<label for="from">From:</label>

<select id="from" name="from">

<option value="kolkata">Kolkata</option>

<option value="mumbai">Mumbai</option>

<option value="chennai">Chennai</option>

<option value="delhiDel "> hi</option>

<option value="pune">Pune</option>

<option value="gaya">Gaya</option>

<option value="bangalore">Bangalore</option>

<option value="kota">Kota</option>

<option value="goa">Goa</option>

<option value="tripura">Tripura</option>

</select>

<label for="to">To:</label>

<select id="to" name="to">

<option value="mumbai">Mumbai</option>

<option value="kolkata">Kolkata</option>

<option value="chennai">Chennai</option>

<option value="delhi">Delhi</option>

<option value="pune">Pune</option>

<option value="gaya">Gaya</option>

<option value="bangalore">Bangalore</option>

<option value="kota">Kota</option>

<option value="goa">Goa</option>

<option value="tripura">Tripura</option>

</select>

<label for="day">Date:</label>

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

<input type="submit">

</form>

</div>

</center>

</section>

</main>

<div class="footer-dark">

<footer>

<div class="container">

<div class="row">

<div class="col-sm-6 col-md-3 item">

<h3>Services</h3>

<ul>

```

        <li><a href="#">Web design</a></li>
        <li><a href="#">Web Development</a></li>
        <li><a href="#">Database Management</a></li>
    </ul>
</div>
<div class="col-sm-6 col-md-3 item">
    <h3>About</h3>
    <ul>
        <li><a href="#">More products</a></li>
        <li><a href="#">Team</a></li>
        <li><a href="#">Careers</a></li>
    </ul>
</div>
<div class="col-md-6 item text">
    <h3>Description</h3>
    <p>A website made to help people in railway ticket booking. Follow us to know
more!</p>
</div>
<div class="col item social"><a href="#"><i class="icon ion-social-
facebook"></i></a><a href="#"><i class="icon ion-social-twitter"></i></a><a href="#"><i
class="icon ion-social-snapchat"></i></a><a href= 2023</p>
</div>
</footer>
</div>
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-
bootstrap/4.1.3/js/bootstrap.bundle.min.js"></script>
</body>

```

## Login Code--

```

<!DOCTYPE .python>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport"
content="width=device-width, initial-scale=1.0">
    <title>Railway Reservation System</title>
    <link href='https://fonts.googleapis.com/css?family=Oswald:300'rel='stylesheet'

```

```

type='text/css'>
  <link rel="stylesheet"
href=https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
  <link rel="stylesheet" href="login.css">
</head>
<body>
  <header>
    <header>
      <nav>
        <a href="index.py" class="btn">Home</a>
        <a href="login.py" class="btn">Login</a>
        <a href="about-us.py" class="btn">About</a>
        <a href="contact-us.py" class="btn">Contact Us</a>
      </nav>
    </header>
  </header>
  <main>
    <div class="wrapper">
      <div class="title-text">
        <div class="title login">
          Login Form
        </div>
        <div class="title signup">
          Signup Form
        </div>
      </div>
    <div class="form-container">
      <div class="slide-controls">
        <input type="radio" name="slide" id="login" checked>
        <input type="radio" name="slide" id="signup">
        <label for="login" class="slide login">Login</label>
        <label for="signup" class="slide signup">SignUp</label>
        <div class="slider-tab">
        </div>
      </div>
      <div class="form-inner">
        <form action="#" class="login">
          <div class="field">
            <input type="text" placeholder="Email Address" required>
          </div>
          <div class="field">

```



```

        <input type="password" placeholder="Password" required>
    </div>
    <div class="pass-link">
        <a href="#">Forgot password?</a></div>
    <div class="field btn">
        <div class="btn-layer">
            </div>
        <input type="submit" value="Login">
    </div>
    <div class="signup-link">
        Not a member? <a href="">Sign-Up</a>
    </div>
</form>
<form action="#" class="signup">
    <div class="field">
        <input type="text" placeholder="Email Address" required>
    </div>
    <div class="field">
        <input type="text" placeholder="Name" required>
    </div>
    <div class="field">
        <input type="password" placeholder="Password" required>
    </div>
    <div class="field">
        <input type="password" placeholder="Confirm password" required>
    </div>
    <div class="field btn">
        <div class="btn-layer">
            </div>
        <input type="submit" value="Signup">
    </div>
</form>
</div>
<div class="admin">
    <a class="admin" href="admin.py">Admin Login</a>
</div>
</div>
</div>
</main>
<div class="footer-dark">
    <footer>
        <div class="container">
            <div class="row">
                <div class="col-sm-6 col-md-3 item">

```

```

        <h3>Services</h3>
        <ul>
            <li><a href="#">Web design</a></li>
            <li><a href="#">Development</a></li>
            <li><a href="#">Hosting</a></li>
        </ul>
    </div>
    <div class="col-sm-6 col-md-3 item"><h3>About</h3>
        <ul>
            <li><a href="#">Company</a></li>
            <li><a href="#">Team</a></li>
            <li><a href="#">Careers</a></li>
        </ul>
    </div>
    <div class="col-md-6 item text">
        <h3>Company Name</h3>
    <p>

    </div>
    <p class="copyright">Company Name © 2018</p>
</div>
</footer>
</div>
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.1.3/js/bootstrap.bundle.min.js"></script>
</body>

```

## Contact Code --

```

<!DOCTYPE .python>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Railway Reservation System</title>

```

```

    <link href='https://fonts.googleapis.com/css?family=Oswald:300' rel='stylesheet'
type='text/css'>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
    <link rel="stylesheet" href="contact.css">
</head>
<body>
    <header>
        <header>
            <nav>
                <a href="index.py" class="btn">Home</a>
                <a href="login.py" class="btn">Login</a>
                <a href="about-us.py" class="btn">About</a>
                <a href="contact-us.py" class="btn">Contact Us</a>
            </nav>
        </header>
    </header>
    <main>
        <section class="contbox">
            <div class="contactform">
                <form action="/action_page.php">
                    <label for="fname">First Name</label>
                    <input type="text" id="fname" name="firstname" placeholder="Your name.."
required>

                    <label for="lname">Last Name</label>
                    <input type="text" id="lname" name="lastname" placeholder="Your last name.."
required>

                    <label for="ticket">Ticket No.</label>
                    <input type="number" id="ticket" name="ticket" placeholder="Your Ticket
No.." required>

                    <label for="subject">Subject</label>
                    <textarea id="subject" name="subject" placeholder="Write something.."
style="height:200px"></textarea>

                    <input type="submit" value="Submit">
                </form>
            </div>
        </section>

```

```

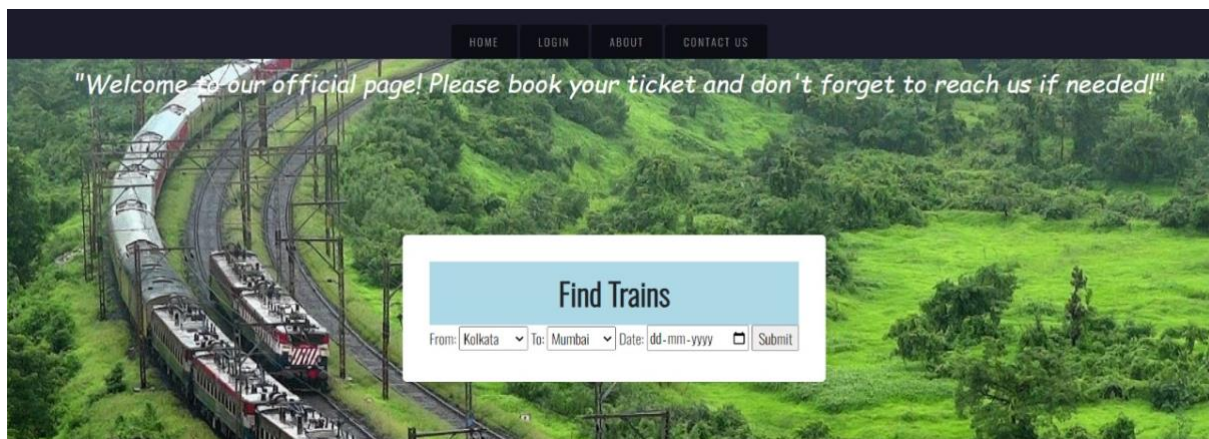
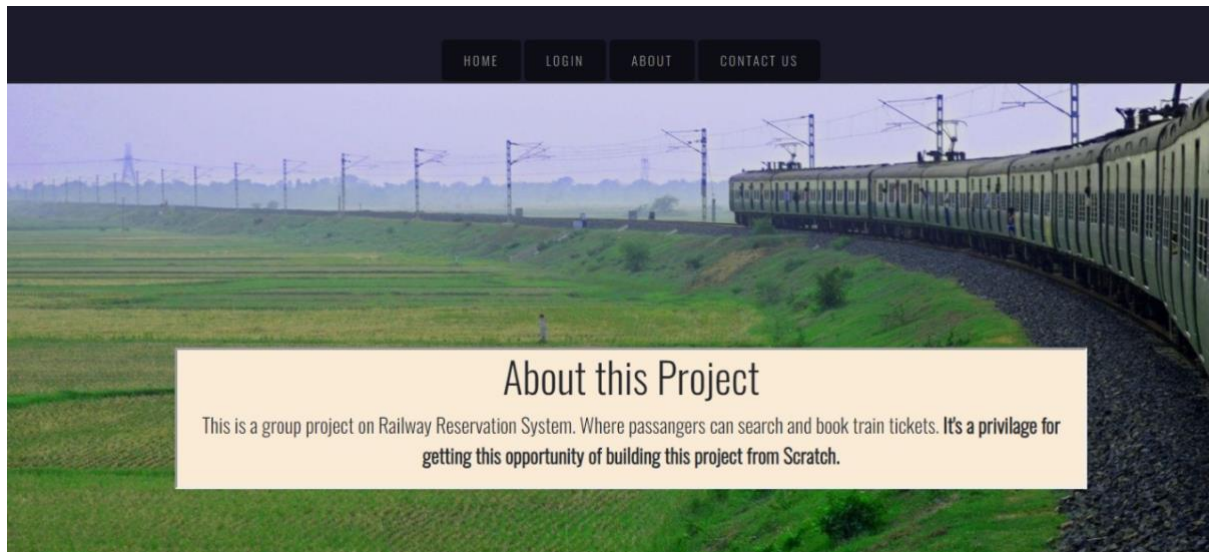
</main>
<div class="footer-dark">
  <div class="footer-dark">
    <footer>
      <div class="container">
        <div class="row">
          <div class="col-sm-6 col-md-3 item">
            <h3>Services</h3>
            <ul>
              <li><a href="#">Web design</a></li>
              <li><a href="#">Web Development</a></li>
              <li><a href="#">Database Management</a></li>
            </ul>
          </div>
          <div class="col-sm-6 col-md-3 item">
            <h3>About</h3>
            <ul>
              <li><a href="#">More products</a></li>
              <li><a href="#">Team</a></li>
              <li><a href="#">Careers</a></li>
            </ul>
          </div>
          <div class="col-md-6 item text">
            <h3>Description</h3>
            <p>A website made to help people in railway ticket booking. Follow us to
know more!</p>
          </div>
          <div class="col item social"><a href="#"><i class="icon ion-social-
facebook"></i></a><a href="#"><i class="icon ion-social-twitter"></i></a><a href="#"><i
class="icon ion-social-snapchat"></i></a><a href="#"><i class="icon ion-social-
instagram"></i></a></div>
        </div>
        <p class="copyright">Runtime Terror © 2021</p>
      </div>
    </footer>
  </div>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-
bootstrap/4.1.3/js/bootstrap.bundle.min.js"></script>
</body>

```

## **5. Modules of the proposed work**

- Starting Place
- Ending Place
- Date of Journey
- Email ID
- Password
- Name
- Ticket No.
- No. of Tickets
- Train Name

## 6. Results/Screenshots



First Name

Your name..

Last Name

Your last name..

Ticket No.

Your Ticket No..

Subject

Write something..

Submit

HOME

LOGIN

ABOUT

CONTACT US

Login Form

Login

SignUp

Email Address

Password

Forgot password?

Login

Not a member? Sign-Up

Admin Login

### Booking Details

Name:	<input type="text"/>
Starting Place:	<input type="text"/>
Ending Place:	<input type="text"/>
Train Name:	<input type="text"/>
Number of Tickets:	<input type="text"/>
Date of Journey:	<input type="text"/>
<div><div>Submit</div><div>Cancel</div></div>	

### Register

Name	Starting Place	Ending Place	Date of Journey
Sayan	Howrah Jn.	Delhi	23-07-2023
Soham	Malda	Delhi	04-08-2023
Avik	Delhi	Howrah Jn.	10-10-2023
Debdip	Murshidabad	Kolkata	03-11-2023
Debasree	Howrah Jn.	Murshidabad	16-11-2023



## **7. Conclusion**

**So, in this project with the result of the programing website we have solved the problem statement in order to create a railway reservation website; This portal for booking is available for the user once they login and made the process easier with the given information of train. And personally found it efficient in working on python and cs with html as front end. It lies the basic for standard learning on these areas. So, we felt our project is effective**

## **8. References**

- Code wrestling channel
- Web development Tutorials
- [google.scholar.com](https://scholar.google.com)
- [pythonworld.com](https://pythonworld.com)