**PROJECT REPORT**

**PROJECT TOPIC:**

RAILWAY BOOKING SYSTEM

**PROJECT MEMBERS:**

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**DESCRIPTION:**

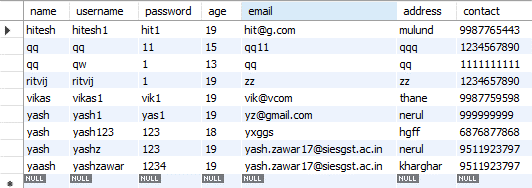
The GUI shows an option to login and signup for passengers. The passenger selects the source, destination and date and the available train options are displayed in a table. The passenger then selects the gender and class preference. He or she can now choose the seats from an option of 15 seats. One passenger makes booking for all the other co-passengers. Finally, the passenger gets to see the ticket details along with the PNR no. He or she can use the PNR number to cancel the ticket. This project includes basic CRUD operations for ticket booking.

**CODE:**

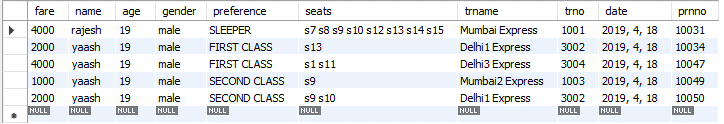
**def** signupdb(self):  
 name = self.reg\_name.text()  
 username = self.reg\_uname.text()  
 password = self.reg\_pwd.text()  
 cpassword = self.reg\_confpwd.text()  
 age = self.reg\_age.text()  
 email = self.reg\_email.text()  
 address = self.reg\_addr.text()  
 contact = self.reg\_phno.text()  
 **if**(name==**"" or** username == **"" or** password == **"" or** cpassword ==**"" or** age ==**"" or** email ==**"" or** address ==**"" or** contact ==**""**):  
 self.messagebox(**"Error"**,**"Fields cannot be empty!"**)  
 **elif**(name.isalpha()==0):  
 self.messagebox(**"Error"**,**"Invalid name"**)  
 **elif** (password!=cpassword):  
 self.messagebox(**"Error"**,**"Passwords do not match"**)  
 **elif** (int(age) < 17 **and** int(age) >100 ):  
 self.messagebox(**"Error"**,**"Invalid age!"**)  
 **elif** ((len(str(contact))==10)==0 ):  
 self.messagebox(**"Error"**,**"Invalid contact!"**)  
 **else**:  
 **try**:  
 conn = pymysql.connect(host=**"localhost"**, user=**"root"**, password=**"1234"**, db=**"trial"**)  
cur = conn.cursor()  
indb = (**"insert into signup(name,username,password,age,email,address,contact) values (%s,%s,%s,%s,%s,%s,%s)"**)

data = cur.execute(indb, (name, username, password, age, email, address, contact))  
conn.commit()  
**if** (data):  
 self.messagebox(**"Congrats"**, **"Registered Successfully!! :)"**)  
 **except**:  
 self.messagebox(**"Error"**, **"UserName already exits!"**)  
**def** logdb(self):  
 self.username = self.uname.text()  
 password = self.pwd.text()  
 **if** (self.username == **"" and** password == **""**):  
 self.messagebox(**"ERROR"**, **"Wrong username or password!!"**)  
**elif** (self.username!=**"" and** password != **""**):  
 conn = pymysql.connect(host=**"localhost"**, user=**"root"**, password=**"1234"**, db=**"trial"**)  
 cur = conn.cursor()  
 indb = (**"select \* from signup where username=%s and password=%s"**)  
 data = cur.execute(indb, (self.username, password))  
**if**(data):  
 self.messagebox(**"Congrats"**, **"Logged in successfully"**)  
 self.stackedWidget.setCurrentIndex(3)  
 **else**:  
 self.messagebox(**"ERROR"**, **"Wrong username or password!!"**)

SIGNUP DATABASE



BOOKING DATABASE



GUI SCREENSHOTS



