BUS TICKET BOOKING APPLICATION

NAME - SHIBANI DAS
EMAIL - shibani.das@innovaccer.com

Application Functionality

- Takes the input from user
- Checks inputs whether valid or not
- Preview feature to check all details
- (Must preview before booking)
- Seats count is visible
- Book and send
- Books the ticket, data added to database
- Data added to csv file
- Ticket mailed to the user
- Confirmation box to exit

- **Taking input from user**

If the user tries to book the ticket, without preview. A dialog box appears to check the details before final booking as a confirmation for correct credentials.

- **Checks input data whether valid or not**

As the NAME,EMAIL,AADHAR (must be 12 digits long) is an invalid input.
At the same time CLASS,ARRIVAL,DESTINATION is not selected the error box displays them all together to rectify.
Notice as the contact number is entirely made of digits and length of number = 10
So it did not make it to the error message.

- **PREVIEW button feature to check all details**

Displays all the data input by the user on the right hand side under the ticket preview frame to check the details and make the necessary changes as required.

- **When seats are not enough (Edge case)**

When a user tries to exceed the seats limit, an error message is shown to select the required number of seats.

- **Book and send mail feature**

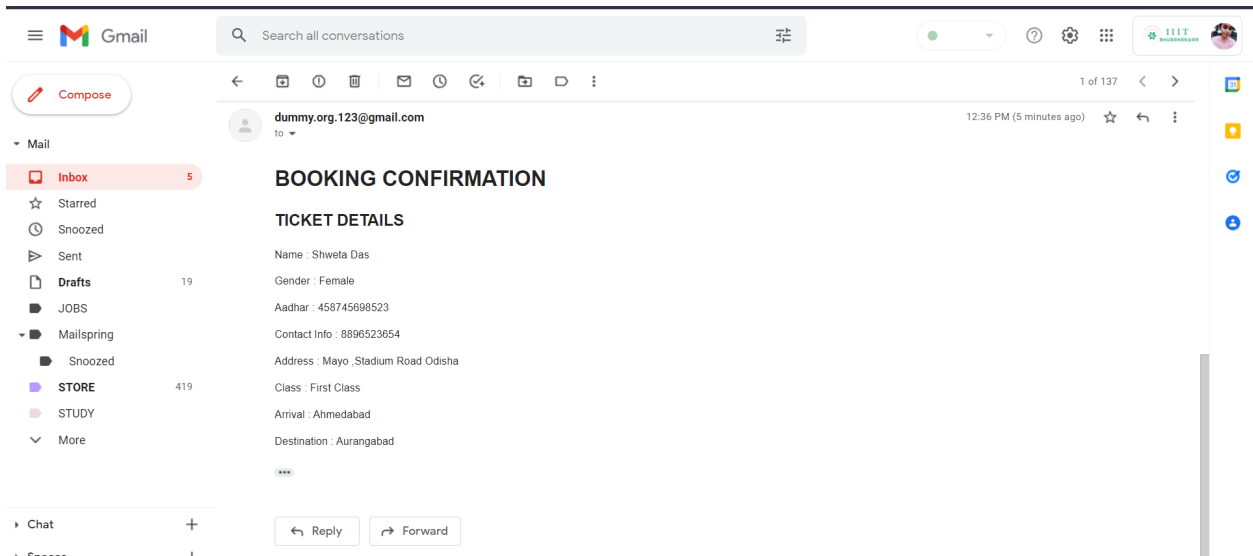**Total Available Seats = 20**
Here 5 seats were selected , so after the booking was done 15 seats left is shown(20 - 5)
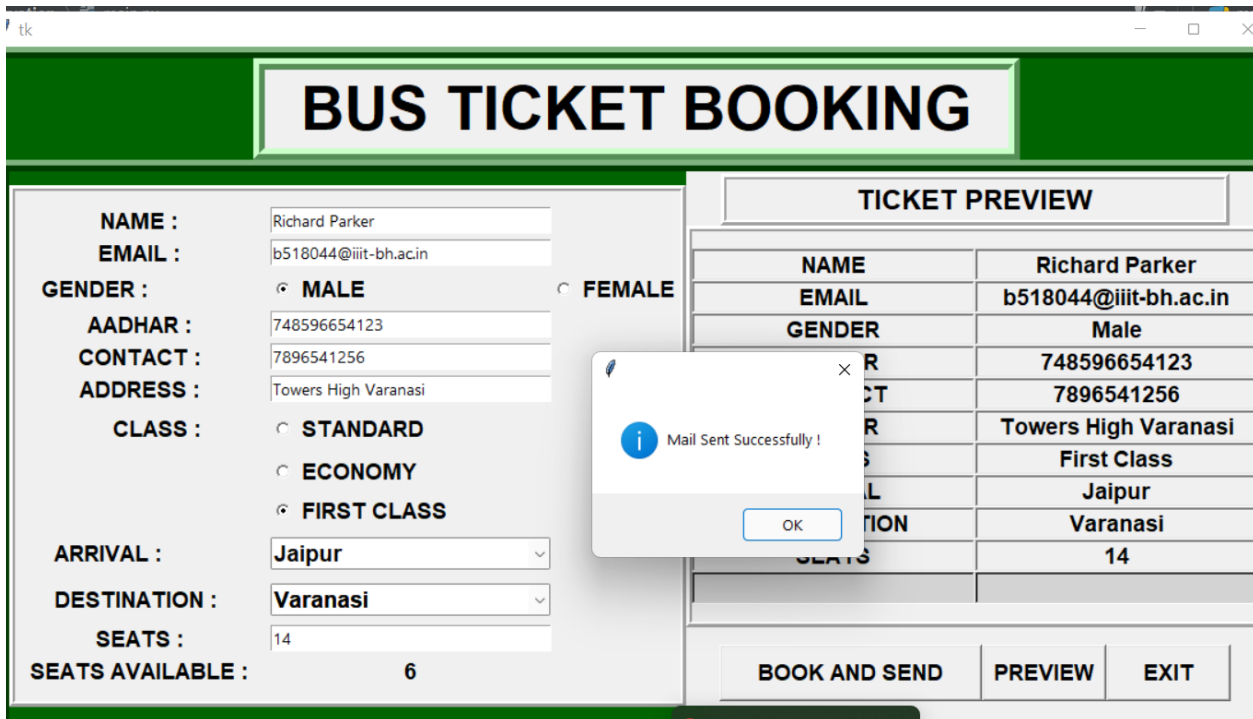
- **Mail received to user**
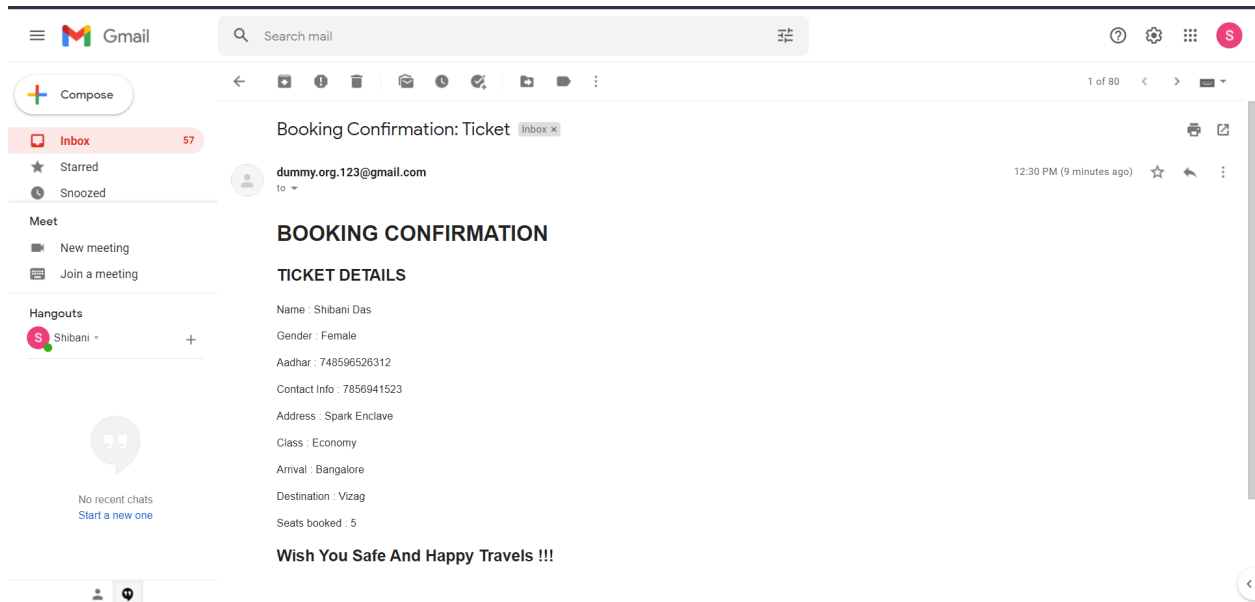
- **Another user after preview**

BUS TICKET BOOKING

NAME :	Shweta Das		
EMAIL :	b518044@iiit-bh.ac.in		
GENDER :	○ MALE		⊙ FEMALE
AADHAR :	458745698523		
CONTACT :	8896523654		
ADDRESS :	Mayo ,Stadium Road Odisha		
CLASS :	○ STANDARD		
	○ ECONOMY		
	⊙ FIRST CLASS		
ARRIVAL :	Ahmedabad		
DESTINATION :	Aurangabad		
SEATS :	12		
SEATS AVAILABLE :	15		

TICKET PREVIEW

NAME	Shweta Das
EMAIL	b518044@iiit-bh.ac.in
GENDER	Female
AADHAR	458745698523
CONTACT	8896523654
AADHAR	Mayo ,Stadium Road Odish
CLASS	First Class
ARRIVAL	Ahmedabad
DESTINATION	Aurangabad
SEATS	12

BOOK AND SEND	PREVIEW	EXIT

After the 12 seats have been booked from the available 15 seats, 3 seats left is shown label.

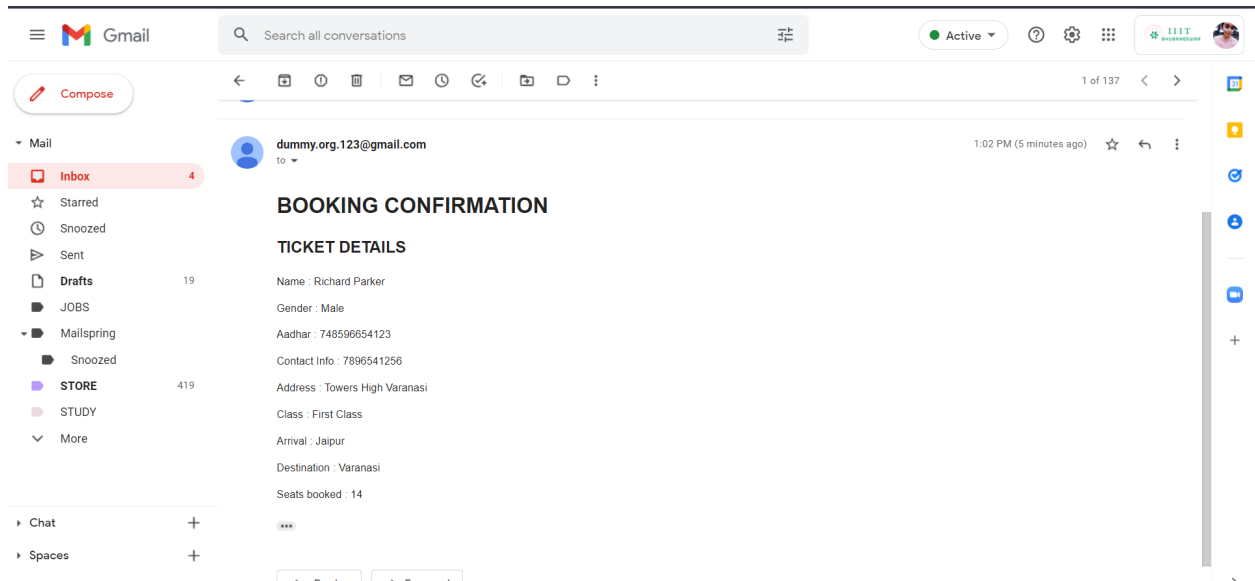- **Mail received**

All booked tickets' data is added to the database using sqlite3 and to the csv file using csv module.

● CSV File Data

● Exit

BUS TICKET BOOKING

NAME :	Shweta
EMAIL :	shwetadas930@gmail.com
GENDER :	○ MALE ● FEMALE
AADHAR :	748596541263
CONTACT :	4512639854
ADDRESS :	Om Niwas Stadium Road Kanp
CLASS :	○ STANDARD ○ ECONOMY ● FIRST CLASS
ARRIVAL :	Ahmedabad
DESTINATION :	Kanpur
SEATS :	11
SEATS AVAILABLE :	9

TICKET PREVIEW

NAME	Shweta
EMAIL	shwetadas930@gmail.com
GENDER	Female
AADHAR	748596541263
CONTACT	4512639854
AADHAR	Niwas Stadium Road Kan
CLASS	First Class
ARRIVAL	Ahmedabad
DESTINATION	Kanpur
SEATS	11

BOOK AND SEND | PREVIEW | EXIT

Train Ticketing System

? Confirm if you want to exit

Yes | No

Exit asks for confirmation, if yes exists from the application (root.destroy()) .