TEST REPORT

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Application Testing Results

Approach: Testing every kind of exception by giving wrong input and then giving the right one, covering all booking Categories and classes. In all test cases a negative and a positive solution is there.

Test Case 1:

Scenario: Giving a Bad_Date exception by putting ambiguous dates like 30/2/2001. Booking Category: General
Output: Bad Date.
PASSED

```
Bad Date
```

Then fixing it by exchanging them.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 1
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
```

```
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 4763
```

Test Case 2:

Scenario: Giving Bad_Stations exception by putting wrong name of station. Booking Category: Senior Citizen. Age 60+, Male gender
Output: Bad_Stations.
PASSED

```
Bad_Stations
```

Fixing it by making the spelling right.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 2
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 2411
```

Test Case 3:

Scenario: Giving Name_Error exception by putting no name of passenger. Booking Category: Ladies .
Output: Bad_Name.
PASSED

```
Bad_Name
```

Fixing it by giving a name.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 3
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 4763
```

Test Case 4:

Scenario: Giving Aadhar_Error exception by putting less than 12 characters in aadhar number of passenger.. Booking Category: Ladies .
Output: Bad_Aadhar.
PASSED

```
Bad_Aadhar
```

Fixing it by giving a correct aadhar number.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 4
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 4763
```

Test Case 5:

Scenario: Giving Mobile_Error exception by putting less than 10 characters in mobile number of passenger. Booking Category: Ladies.
Output: Bad_Mobile.
PASSED

```
Bad_Mobile
```

Fixing it by giving a correct mobile number.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 5
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
```

```
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 4763
```

Test Case 6:

Scenario: Giving Date_Of_Booking_Error exception by giving dob < dor or dob = dor. Booking
Category: Ladies.
Output: Bad Date of Booking
PASSED

```
Bad Date of Booking
```

Fixing it by exchanging them.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 6
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 4763
```

Test Case 7:

Scenario: Giving Senior_Citizen_Error exception by applying for the senior citizen booking category and keeping the age of passenger <60 for Male . Booking Category: Senior Citizen.
Output: Bad_Senior_Citizen.
PASSED

```
Bad_Senior_Citizen
```

Fixing it by making the age >60.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 7
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 2882
```

Test Case 8:

Scenario: Giving Divyaang_Error exception by applying for any of the divyaang section booking categories but not giving any passenger info related to that . Booking Category: TB.
Output: Bad_Divyaang.
PASSED

```
Bad_Divyaang
```

Fixing it by giving proper information.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 8
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 4763
```

Test Case 9:

Scenario: Giving Tatkal_Error exception by applying for any of the Tatkal section booking categories but dob and dor are more than 1 day apart. Booking Category: Tatkal.
Output: Bad_Tatkaal.
PASSED

Bad_Tatkaal

Fixing it by keeping the days one day apart.
Output: prints the booking
PASSED

```
BOOKING SUCCEEDED:
PNR Number = 9
From Station = Mumbai
To Station = Delhi
Reservation Date = 1/5/2021
Travel Date = 2/5/2021
```

```
Travel Class = ACFirstClass
 : Fare Load Factor: 6.5
 : Mode: Sleeping
 : Comfort: AC
 : Bunks: 2
 : Luxury: Yes
 : Reservation Charge: 60
 : Min Tatkal Charge : 400
 : Max Tatkal Charge : 500
 : Min Tatkal Distance : 500
Fare = 5263
```