TRAIN TICKET GENERATION

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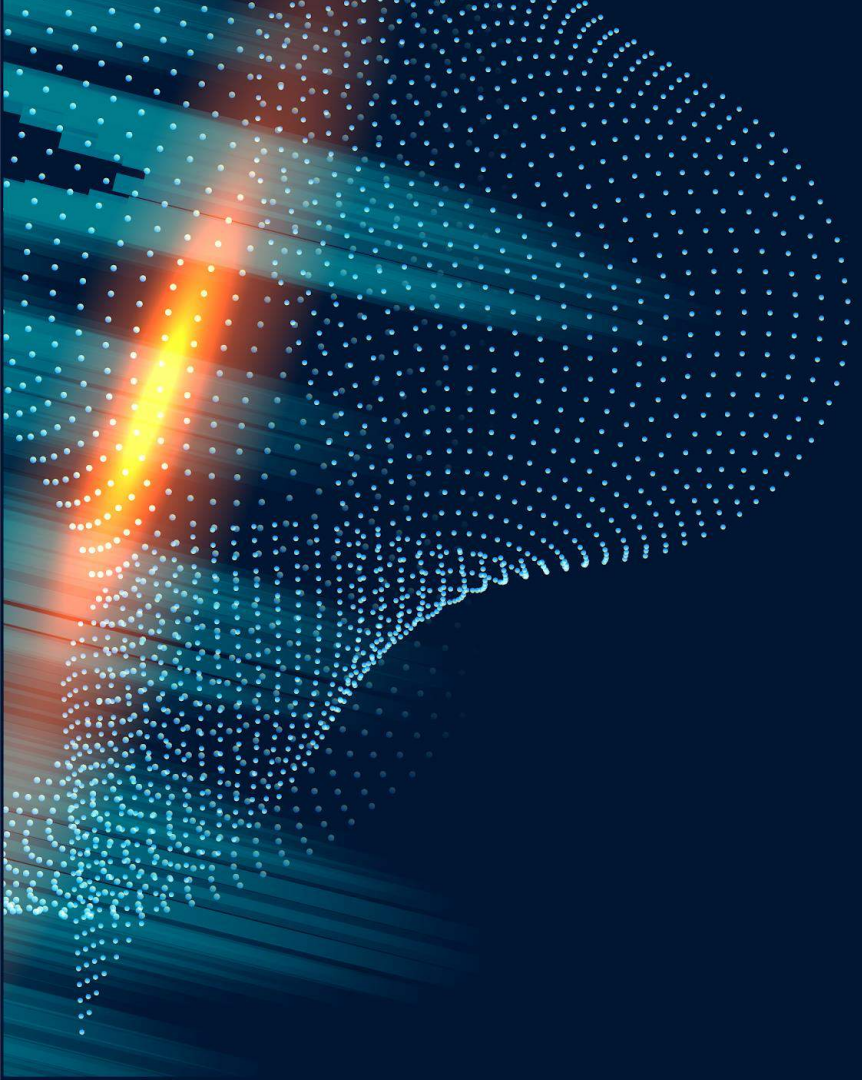


Problem Statement

The application should generate a train ticket using the train details and passenger details

The generated ticket should contain the following details

1. PNR Number , Travel data , Train Number , Train Name , Source Station, Destination Station

2.Name, age, gender and ticket fare for each passenger

3.Total Ticket Price

Short Description

The project includes generating a train ticket and printing it to a file. The application should collect the passenger details and train number. The train's details should be saved in a database. Train number, train name, source and destination stations, and ticket price will be saved in the database . Using the train number Provided by the user , the database should be checked for train details

Business Requirement

The Trains should be fetched from database using train number

 Travel date should be after current Date

 The PNR number should be auto-generated by adding first character of source station, first character of destination station, travel date(yyyymmdd) and a running counter starting from 100.

o Example: PNR for train from Bangalore to Mumbai with travel date 21/01/2017 wouldbe BM_20170121_100

 The ticket Fare for each passenger is calculated using the following rules

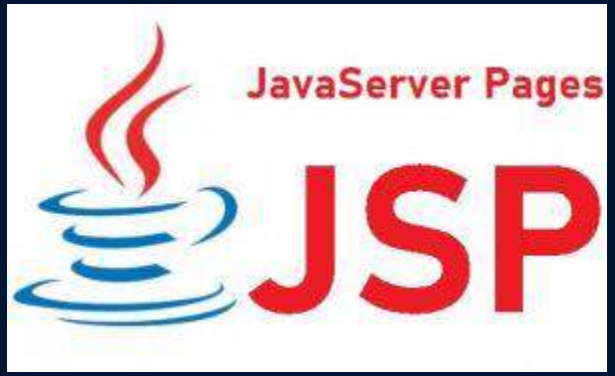
o For age < = 12, fare is 50% of ticket price regardless of gender

o For age > = 60, fare is 60% of ticket price regardless of gender

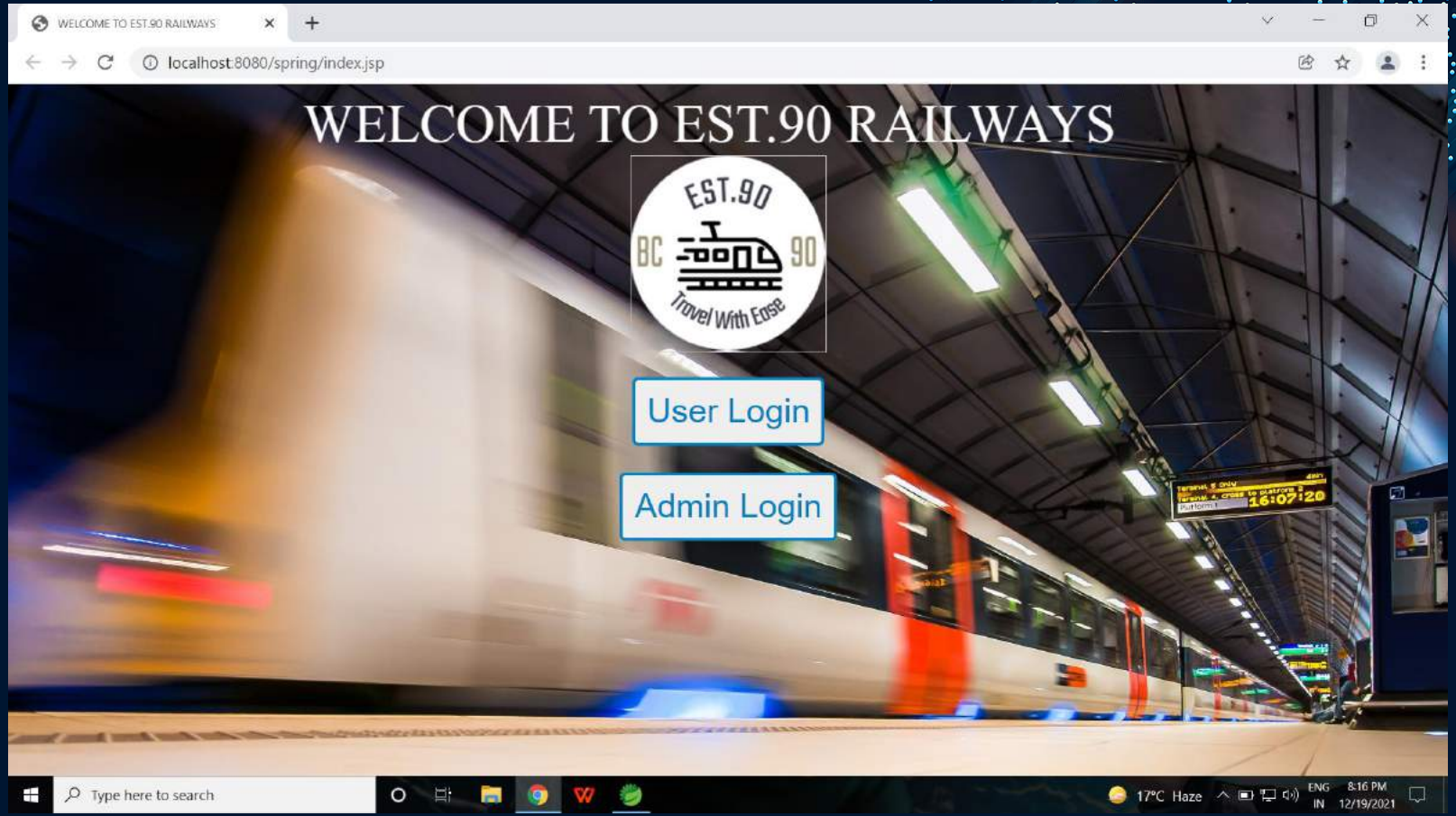
o For Females, 25% discount on the ticket price

 The file name for storing the generated ticket should be the PNR Number.

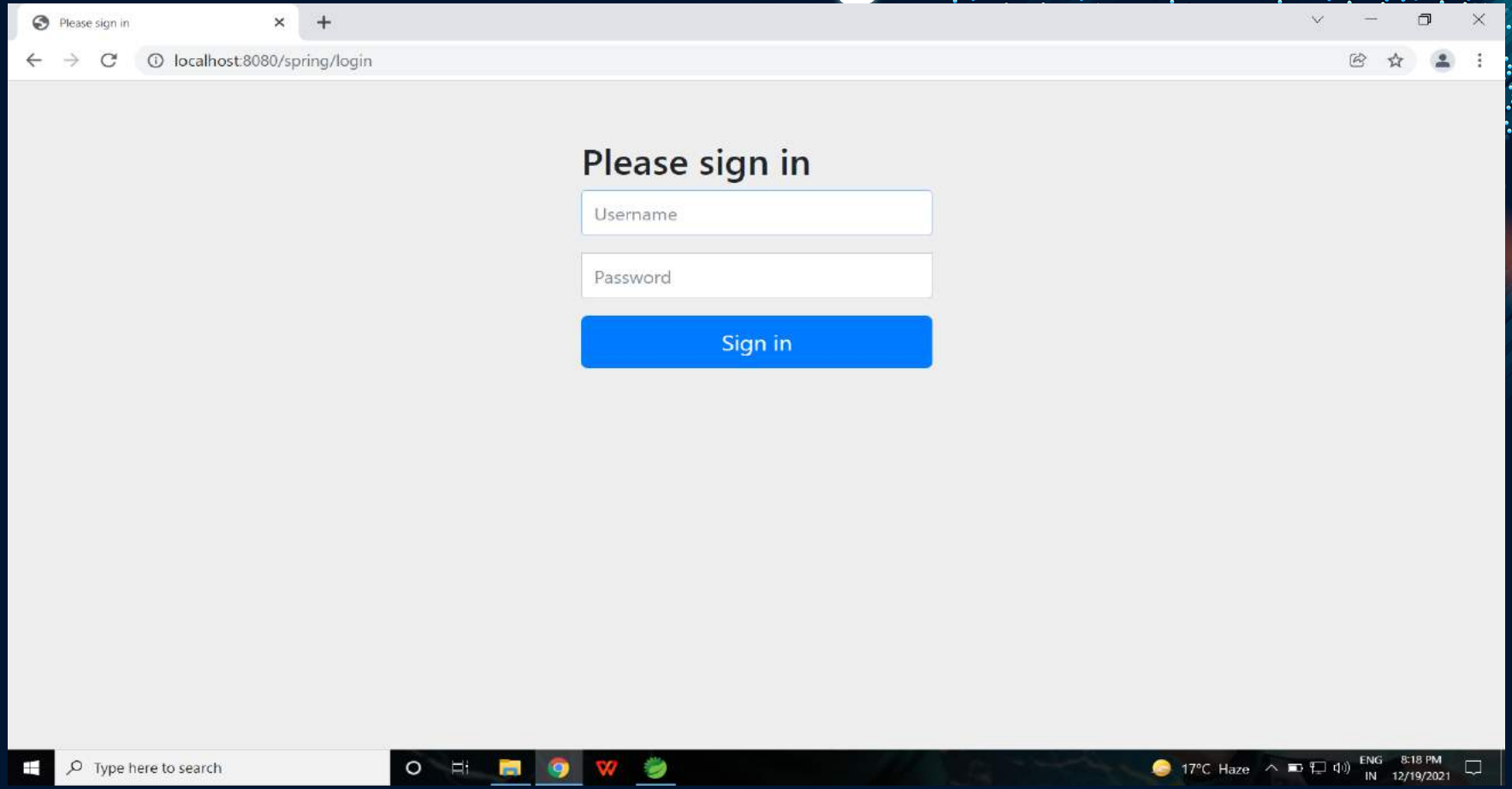
Technologies Used



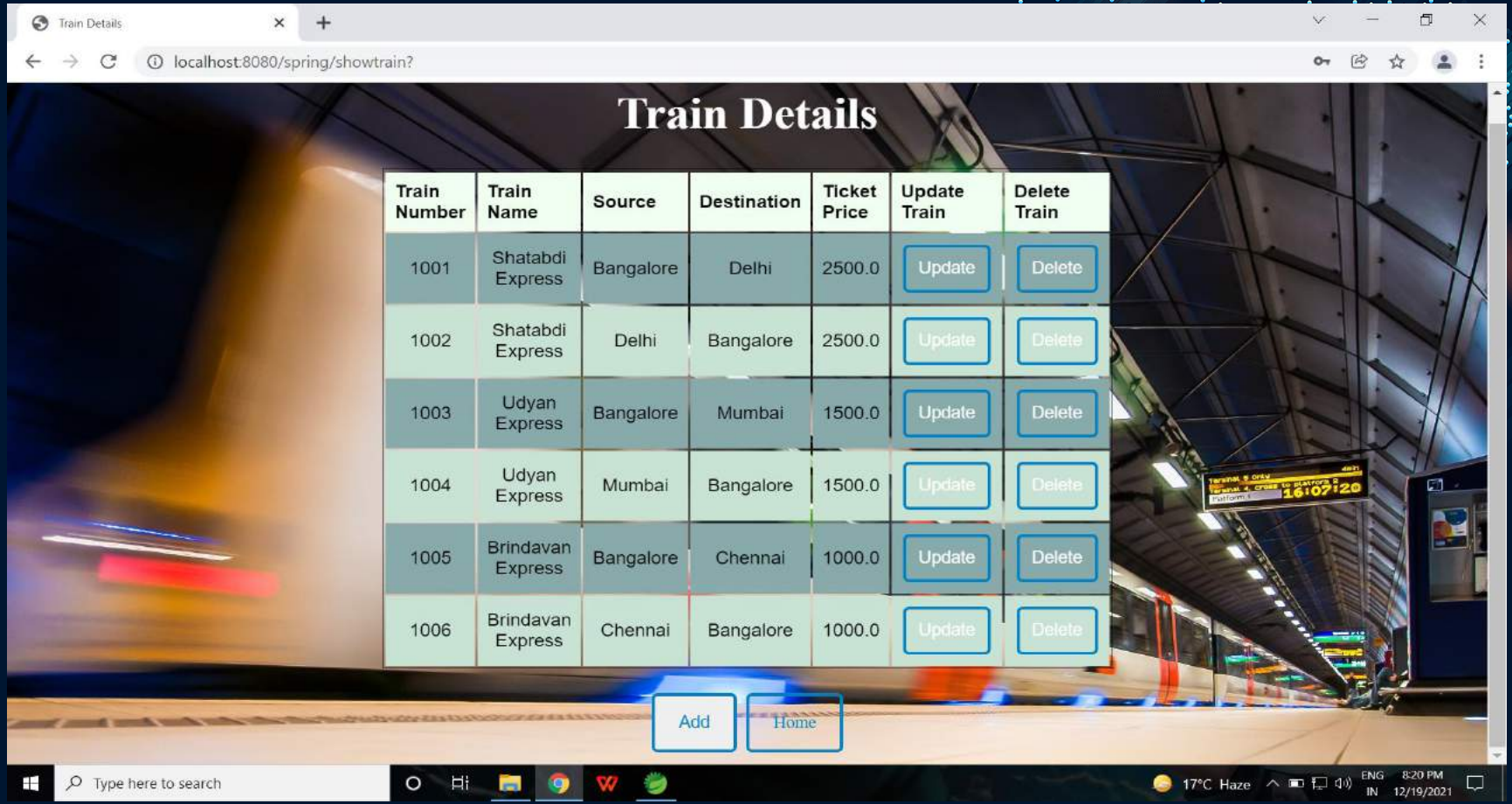
Home Page


WELCOME TO EST.90 RAILWAYS
localhost:8080/spring/index.jsp
WELCOME TO EST.90 RAILWAYS
EST.90
BC
90
Travel With Ease
User Login
Admin Login
Type here to search
17°C Haze
ENG
IN
8:16 PM
12/19/2021

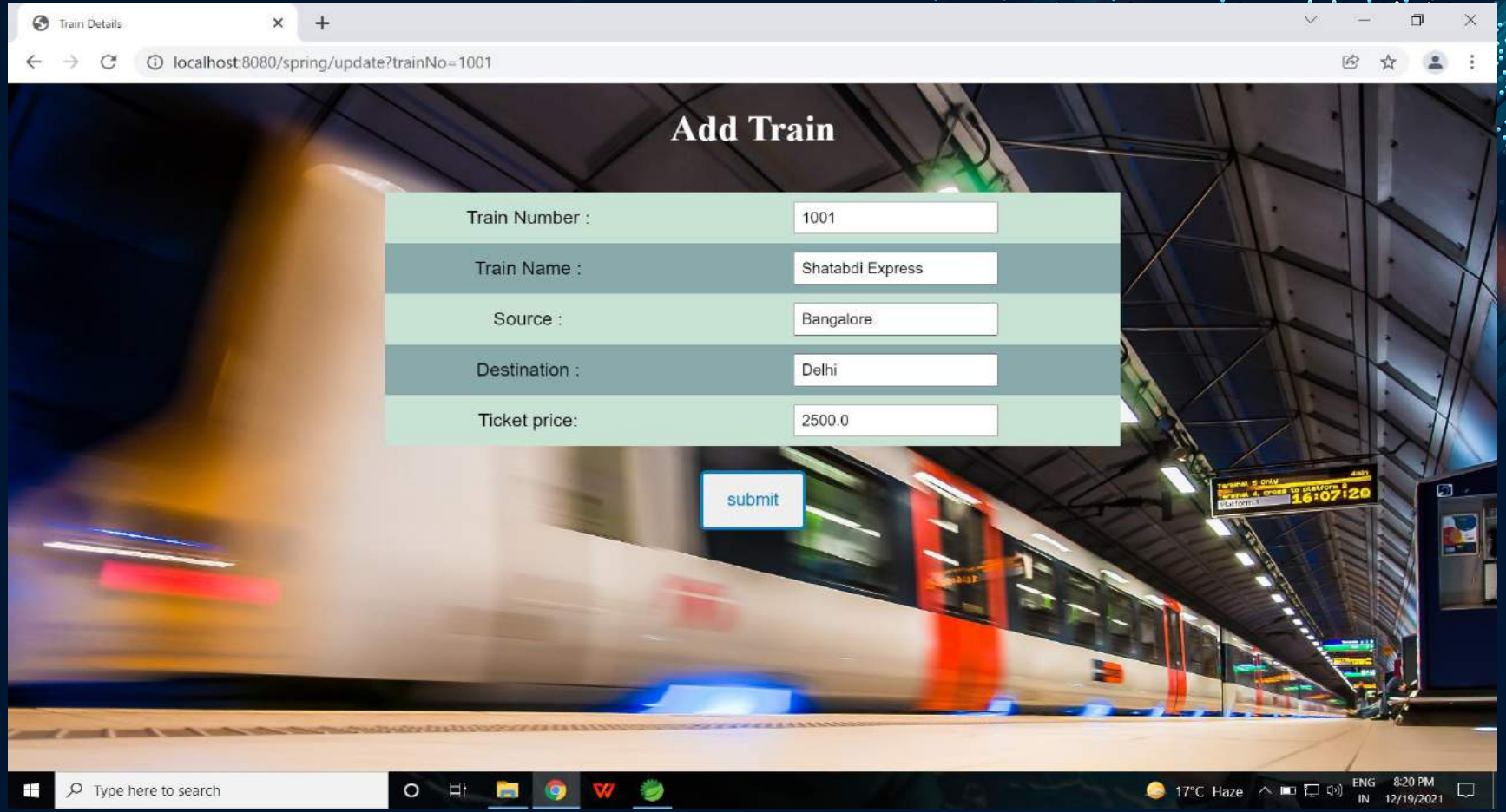
Admin Login


Please sign in
localhost:8080/spring/login
Please sign in
Username
Password
Sign in
Type here to search
17°C Haze
ENG
IN
8:18 PM
12/19/2021

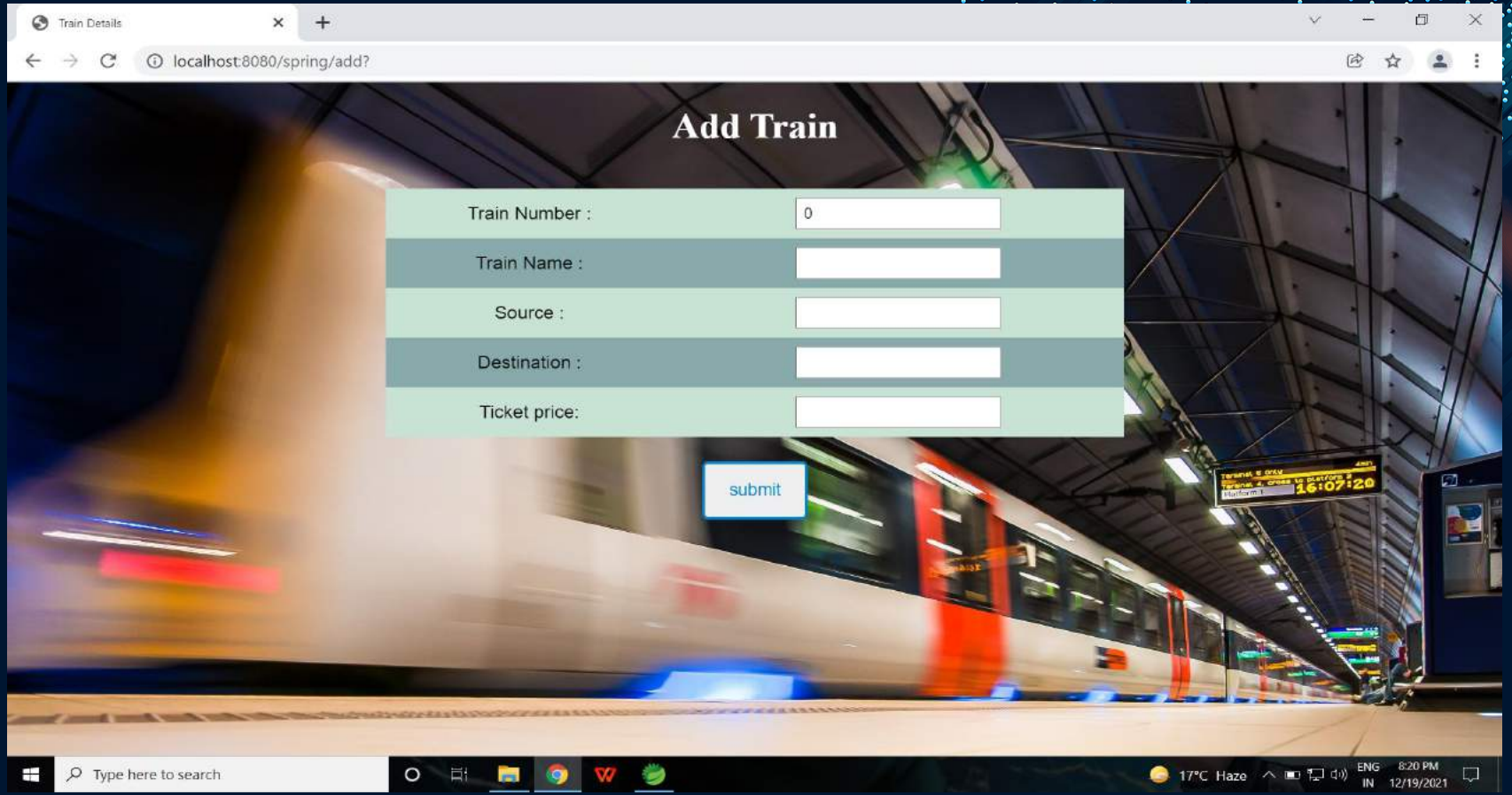
Train Details



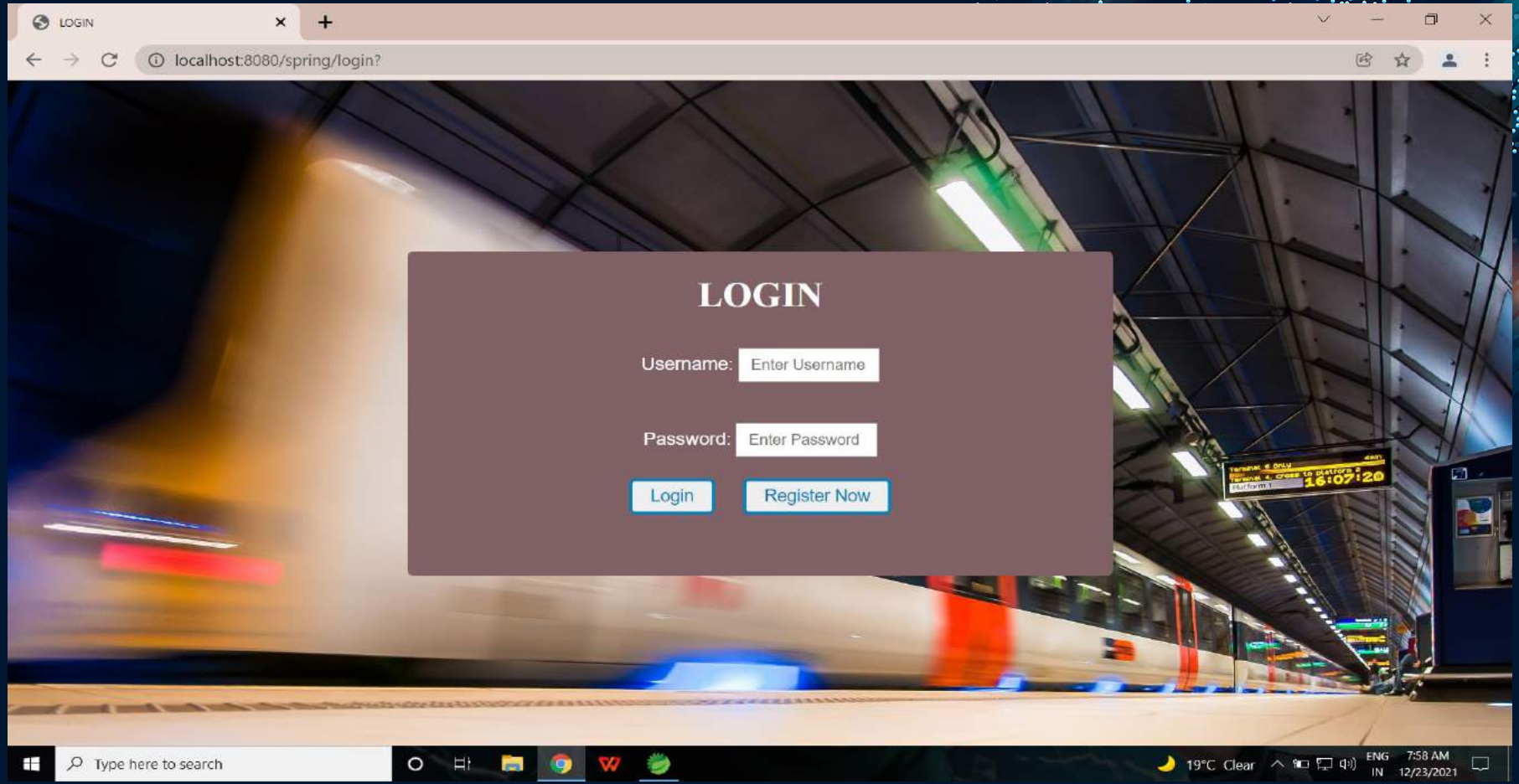
Update Train



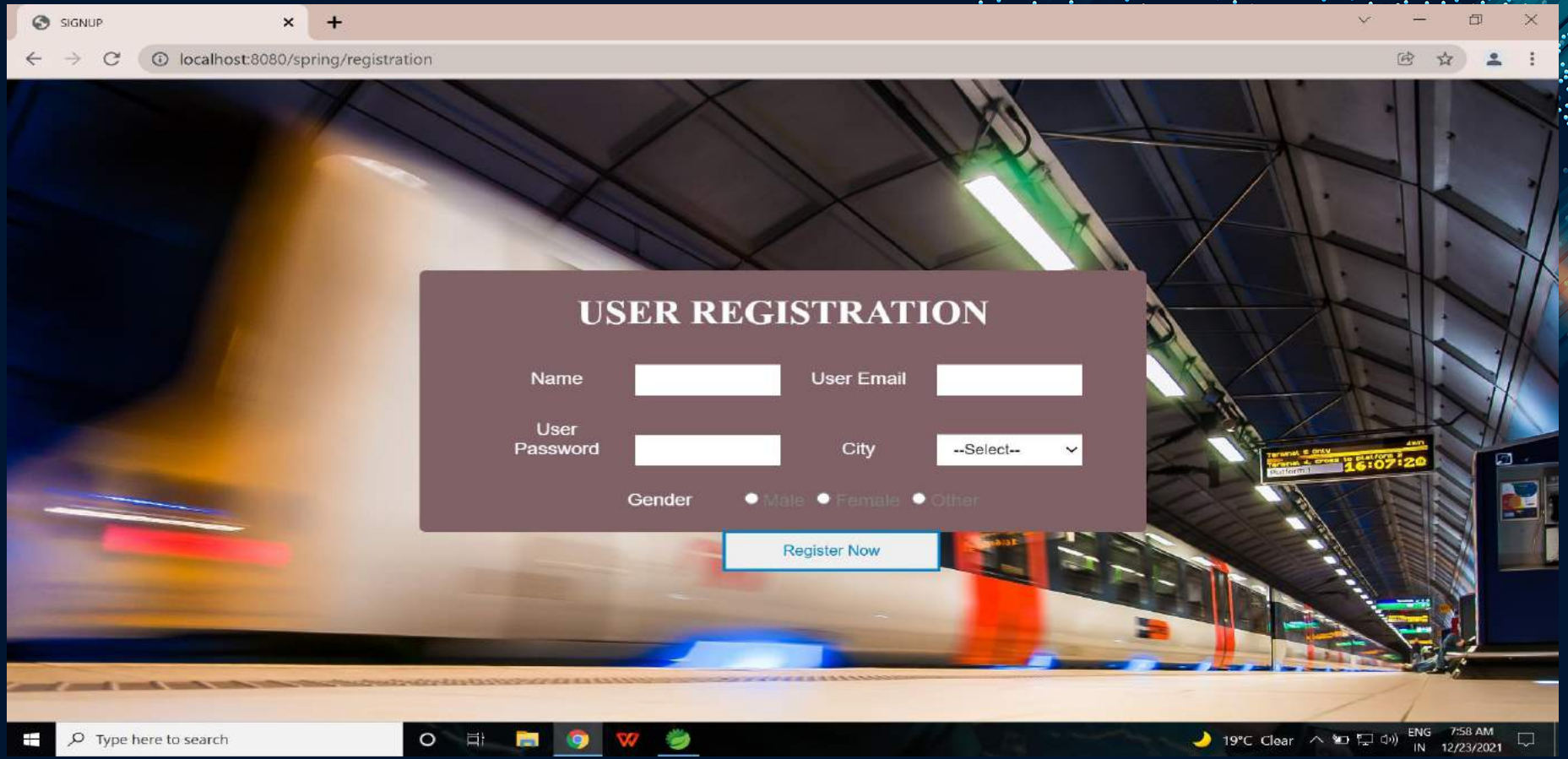
Add Train

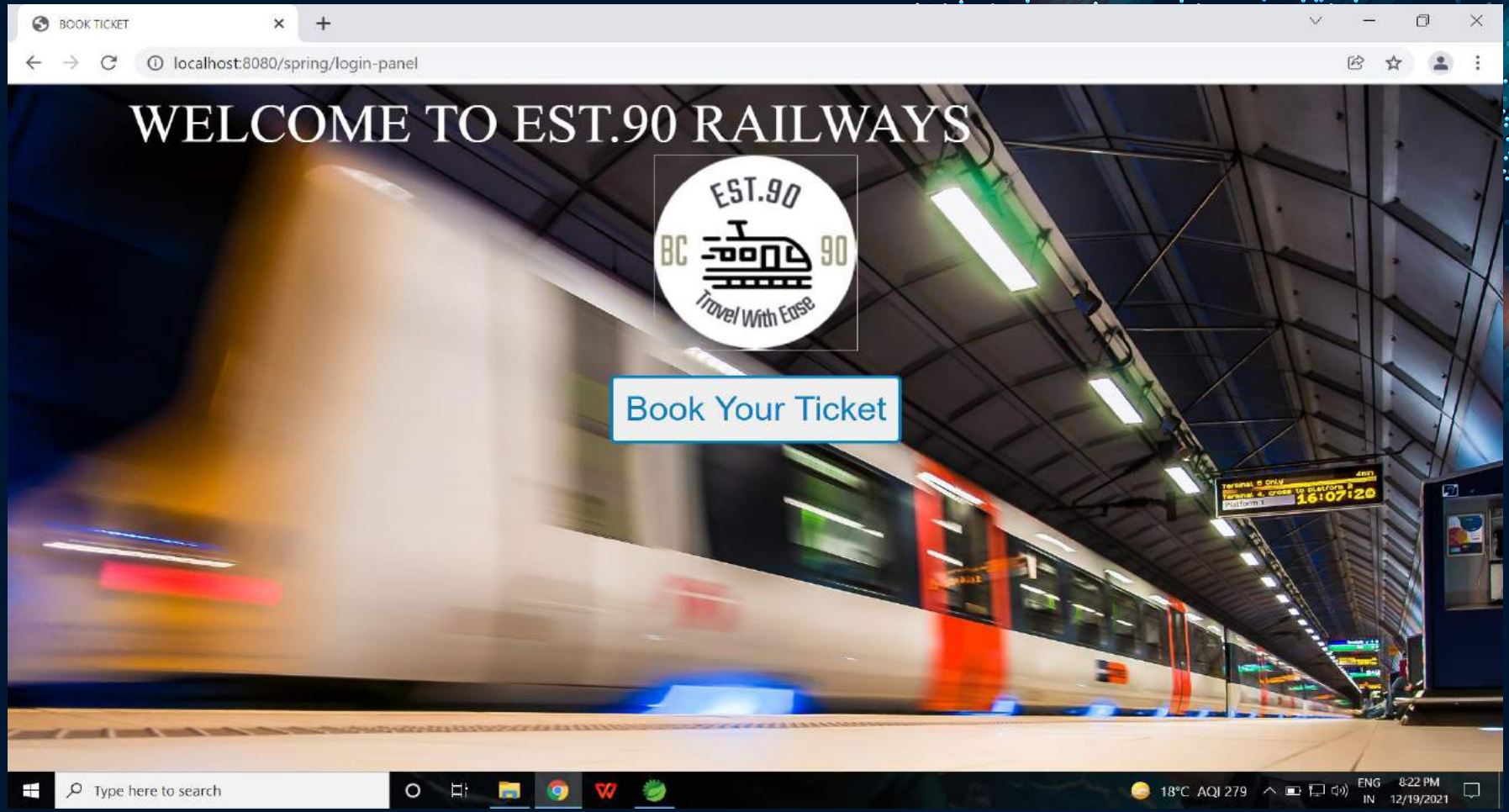

Train Details
localhost:8080/spring/add?
Add Train
Train Number :
0
Train Name :
Source :
Destination :
Ticket price:
submit
Type here to search
17°C Haze
ENG
IN
8:20 PM
12/19/2021

User Login

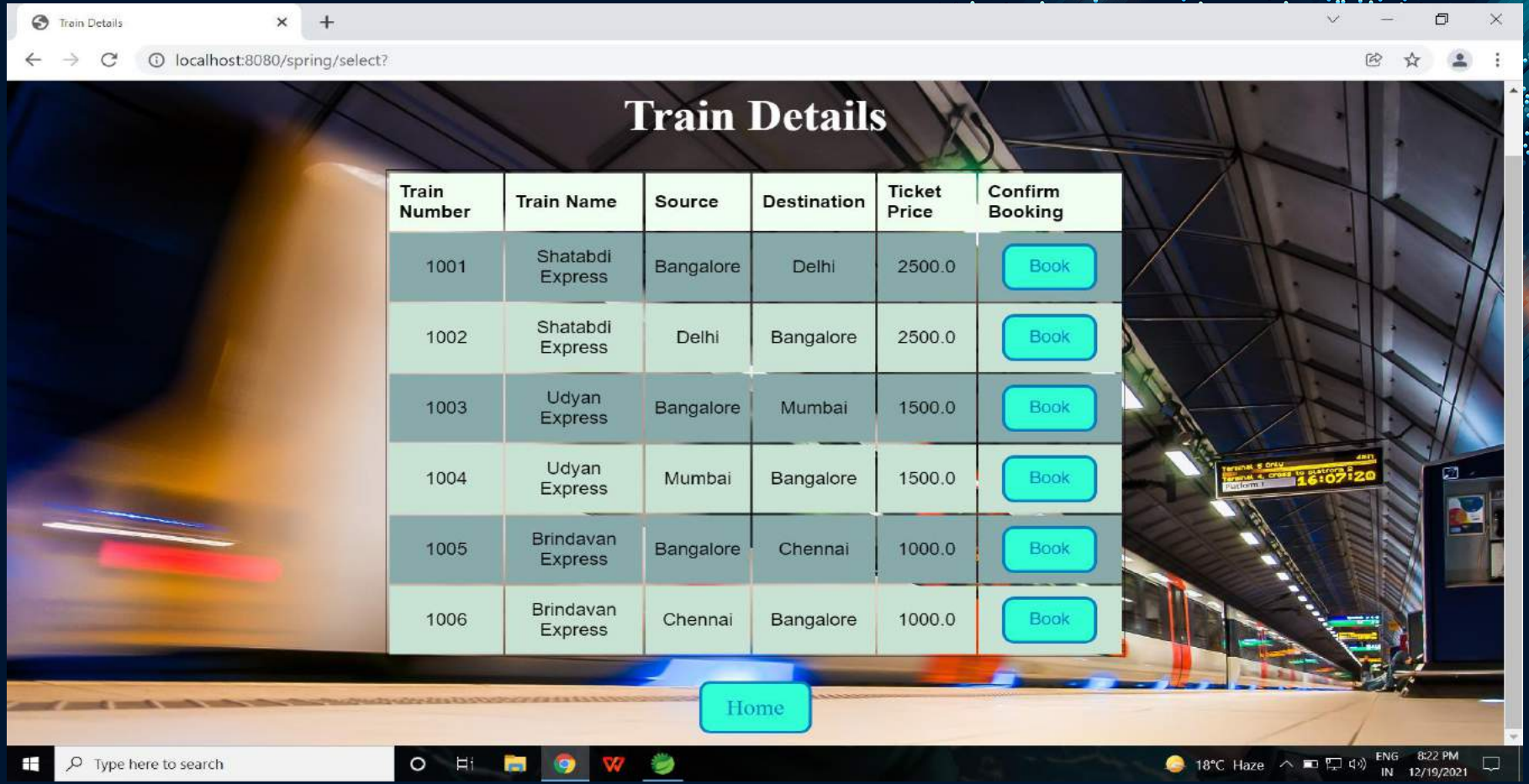

LOGIN
localhost:8080/spring/login?
LOGIN
Username:
Enter Username
Password:
Enter Password
Login
Register Now
Type here to search
19°C Clear
ENG
IN
7:58 AM
12/23/2021

Registration page

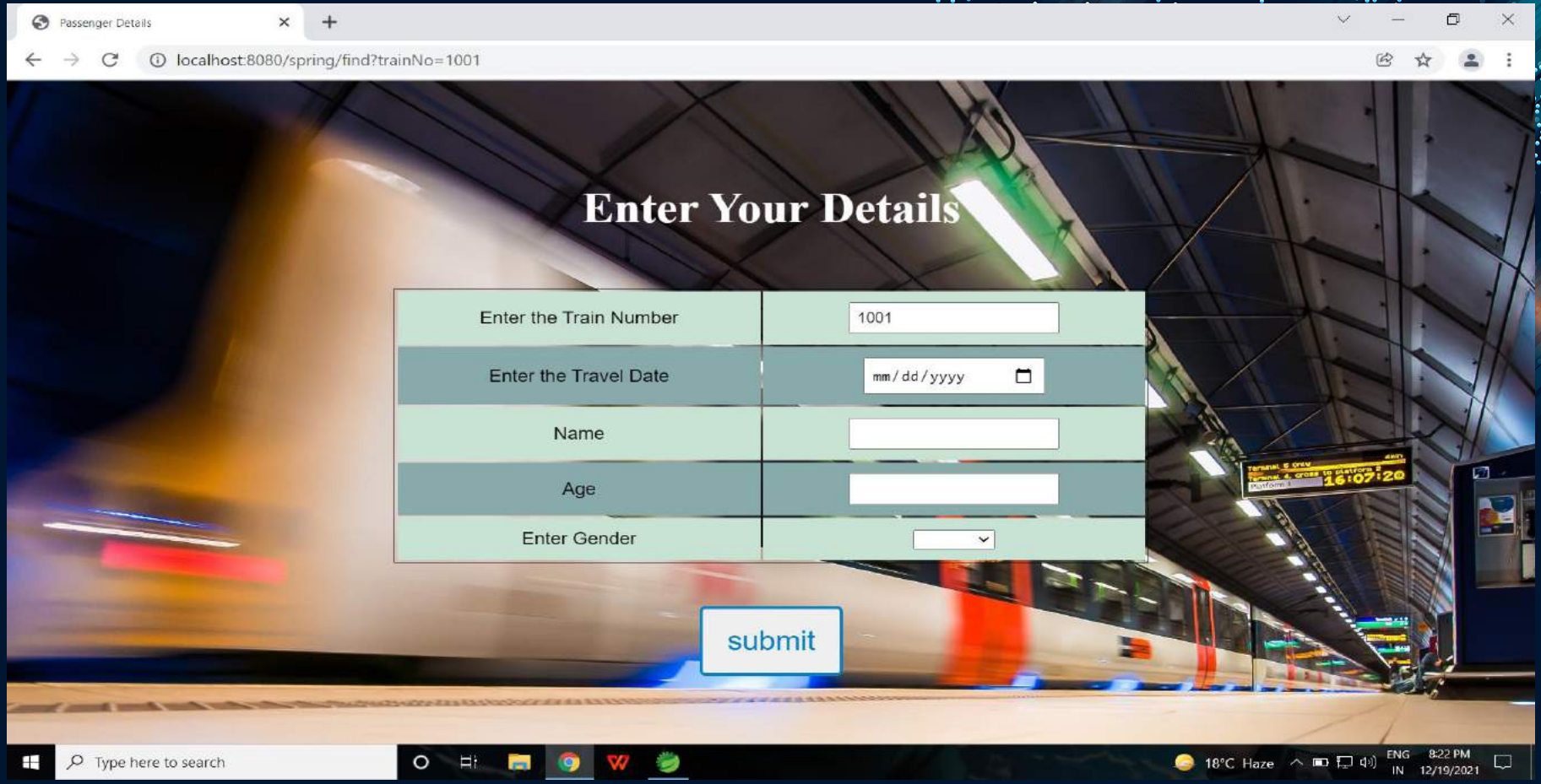



BOOK TICKET
localhost:8080/spring/login-panel
WELCOME TO EST.90 RAILWAYS
EST.90
BC
90
Travel With Ease
Book Your Ticket
Type here to search
18°C AQI 279
ENG
IN
8:22 PM
12/19/2021

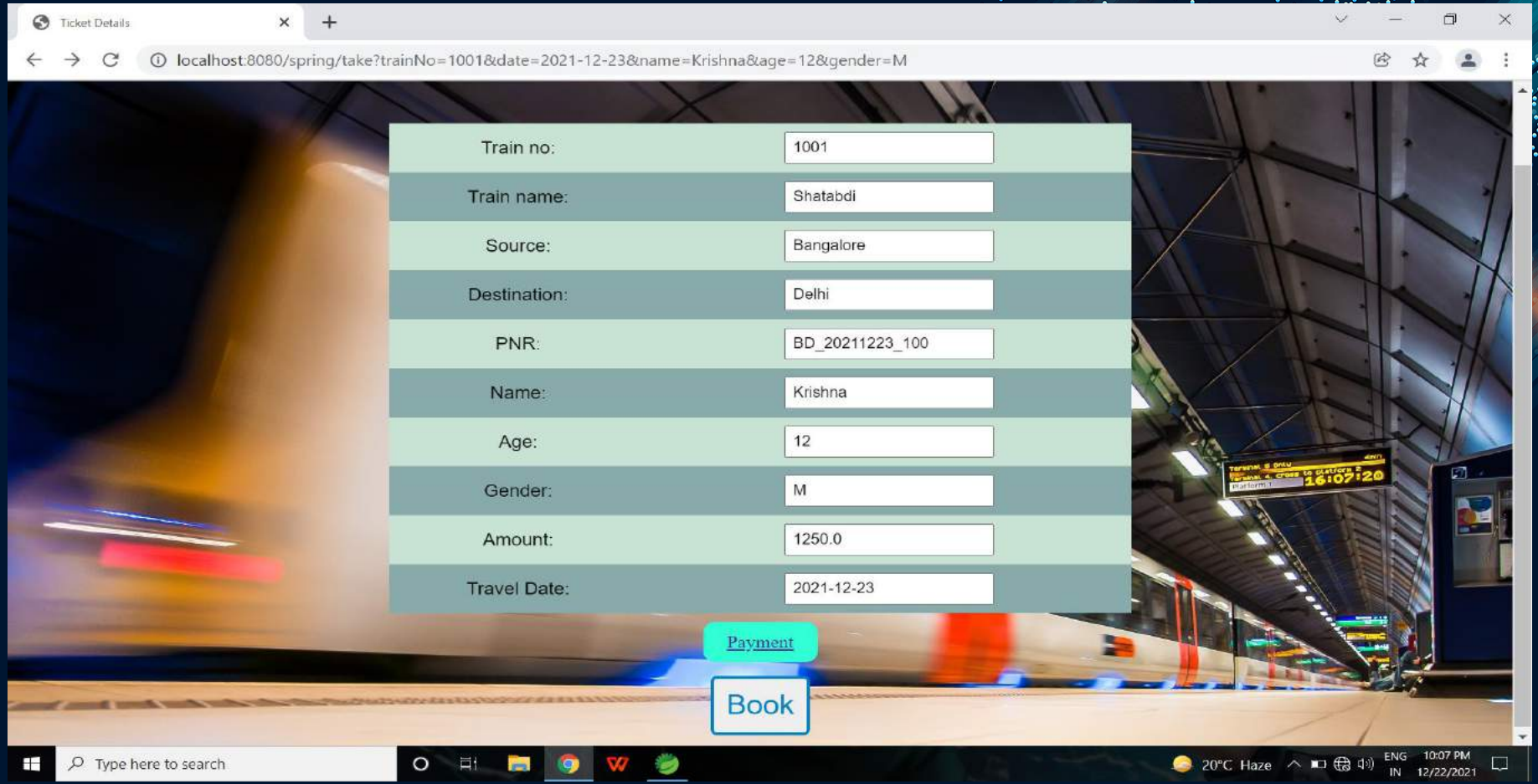
Train Details



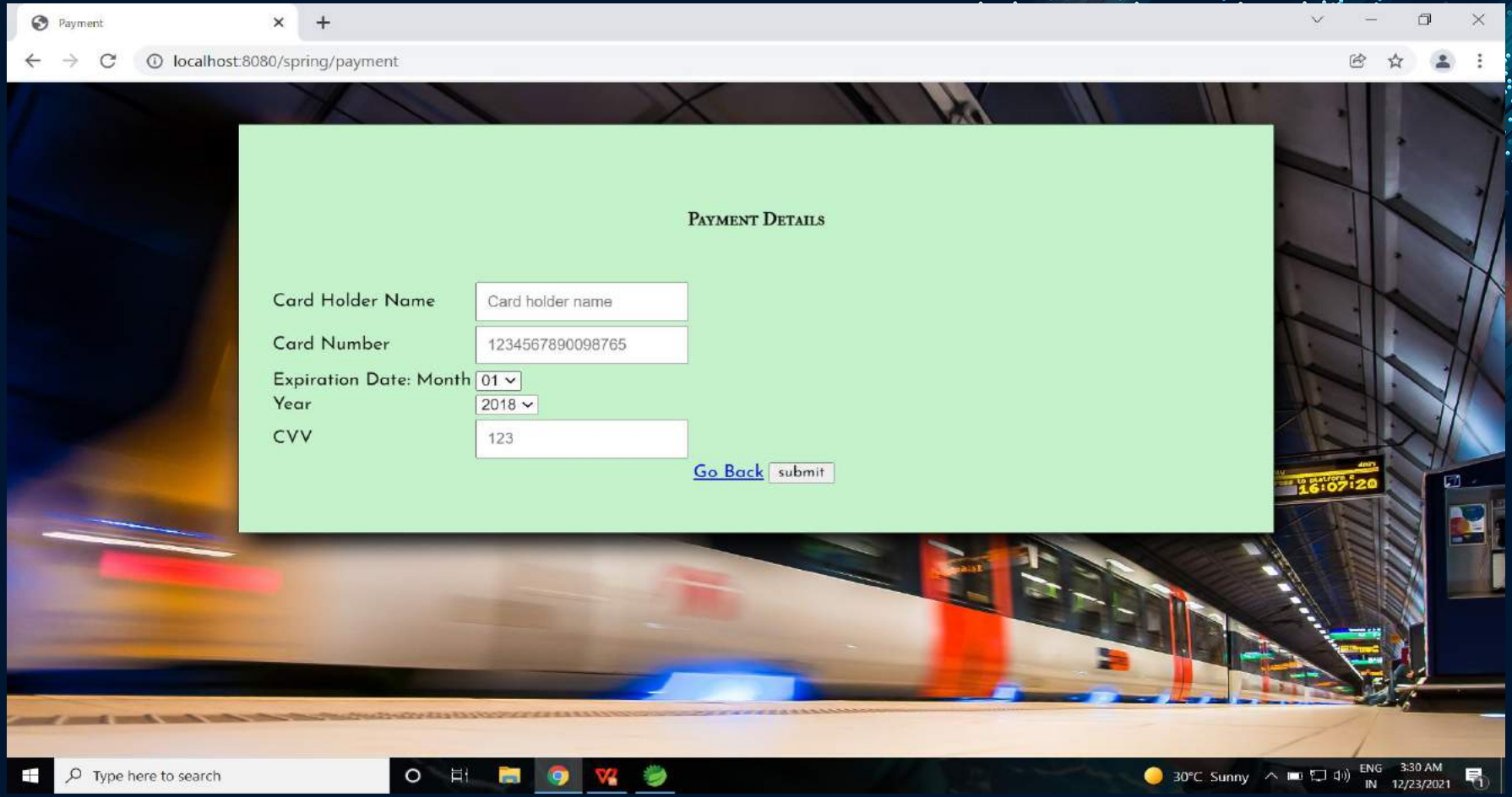
Passenger Details



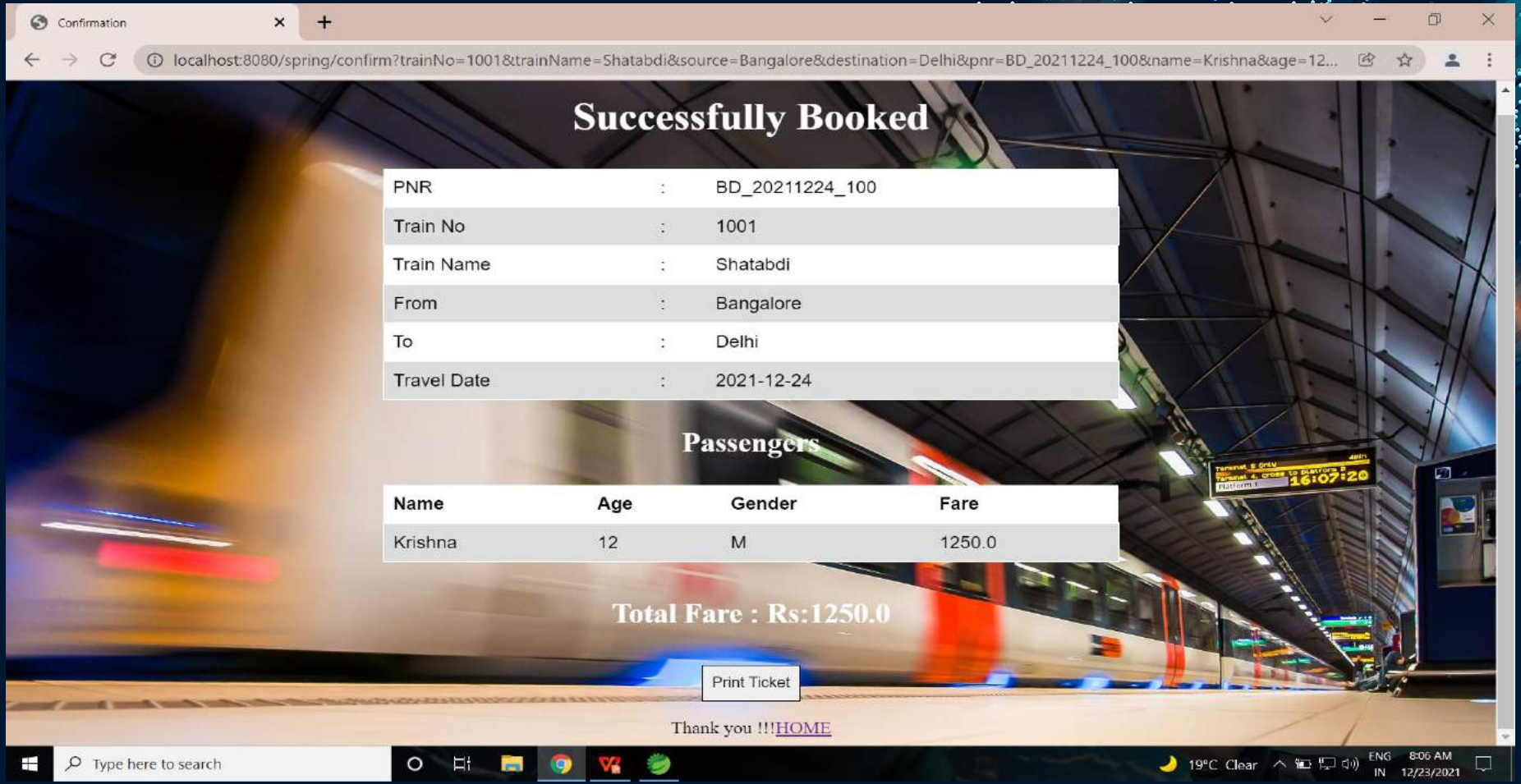
Book


Ticket Details
localhost:8080/spring/take?trainNo=1001&date=2021-12-23&name=Krishna&age=12&gender=M
Train no: 1001
Train name: Shatabdi
Source: Bangalore
Destination: Delhi
PNR: BD_20211223_100
Name: Krishna
Age: 12
Gender: M
Amount: 1250.0
Travel Date: 2021-12-23
Payment
Book
Type here to search
20°C Haze
ENG IN
10:07 PM 12/22/2021

Payment Getway



Confirmation



THANK YOU