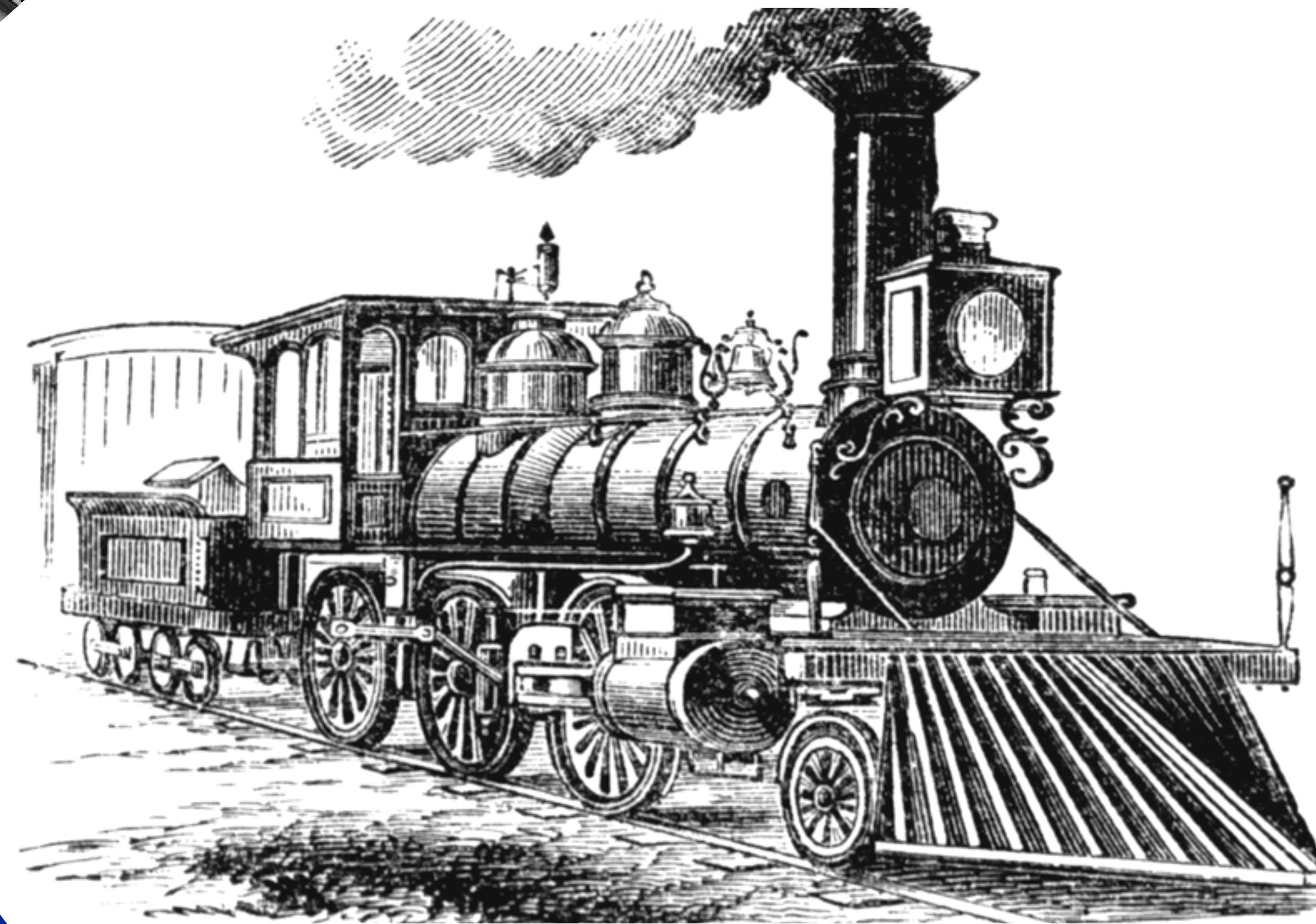




WELCOME



DREAM TEAM

# Contents

- > Team Details
- > Business Requirements
- > MVC Architecture
- > Tools and technologies
- > Screenshots



# The Dream Team

Presents

## TRAIN TICKET BOOKING

Batch: 91

Team: 4



Naveen

SQL Developer and Html and CSS  
Developer



Priyana

Html , CSS and javaScript  
Developer



Rajesh

JAVA controller and Front end  
Developer



Nancy

JAVA class and JavaScript  
Developer

# Business Requirements

---

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 run counter starting from 100.

---

The ticket Fare for each passenger is calculated based on business requirement

---

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

# (MVC) Model–View–Controller

- The MVC is an architectural pattern that separates an application into three main logical components: the model, the view, and the controller.
- Each of these components are built to handle specific development aspects of an application.

## Model

- The Model component corresponds to all the data-related logic that the user works with.

## View

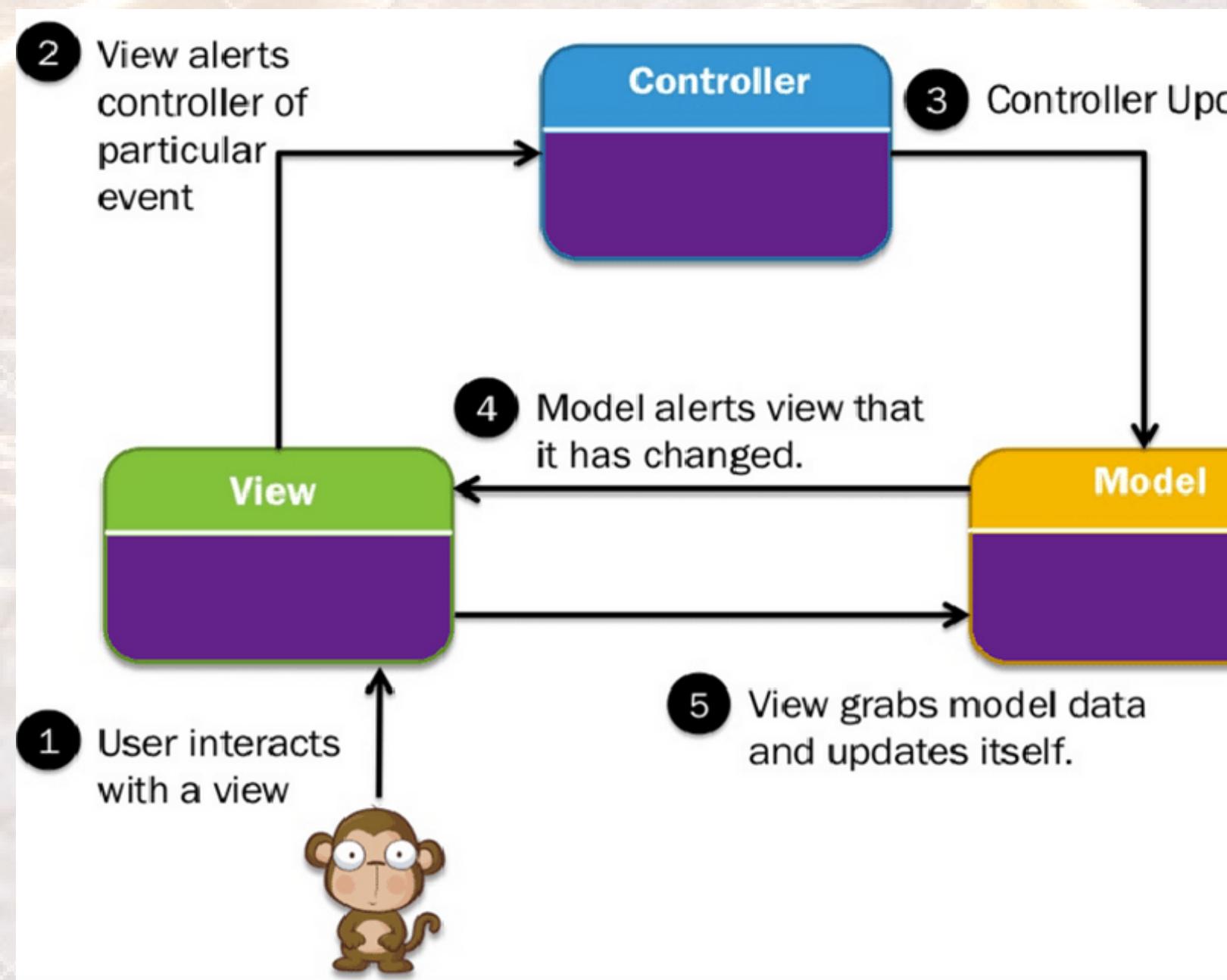
- The View component is used for all the UI logic of the application.

## Controller

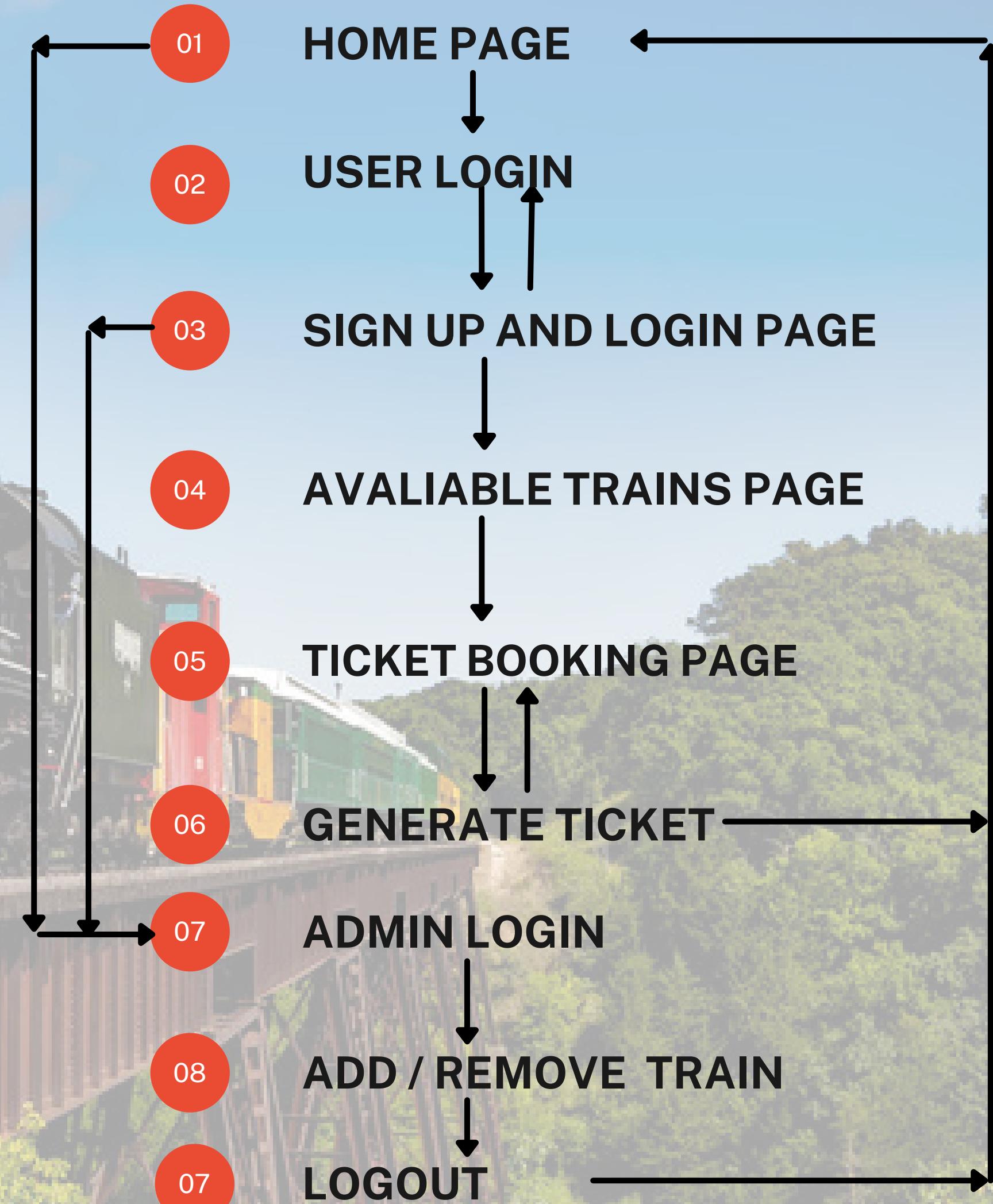
- Controllers act as an interface between Model and View components to process all the business logic and incoming requests, manipulate data using the Model component and interact with the Views to render the final output.

# (MVC) Model-View-Controller

## Flow of MVC



# Web UI



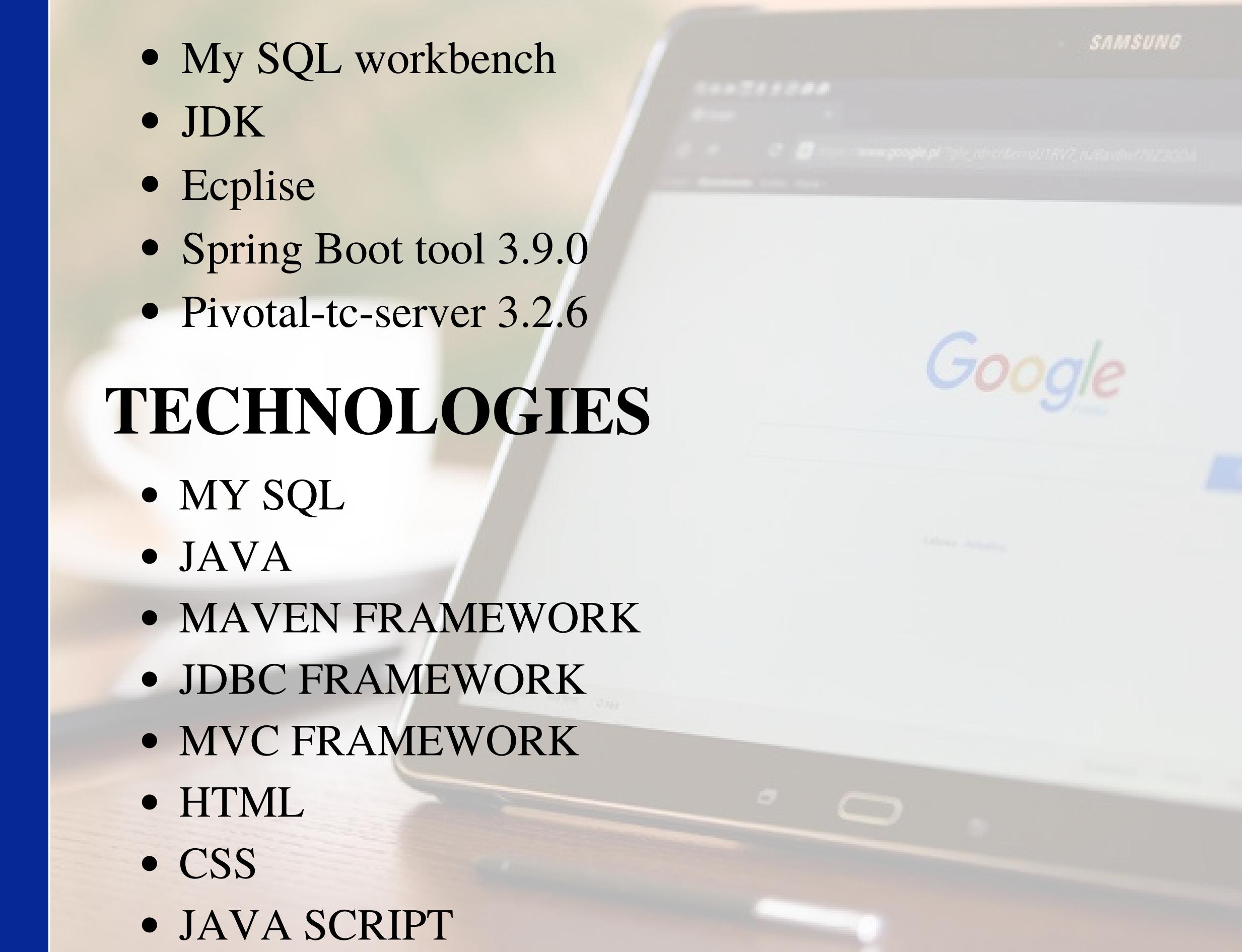
# Tools and Technologies

## Tools

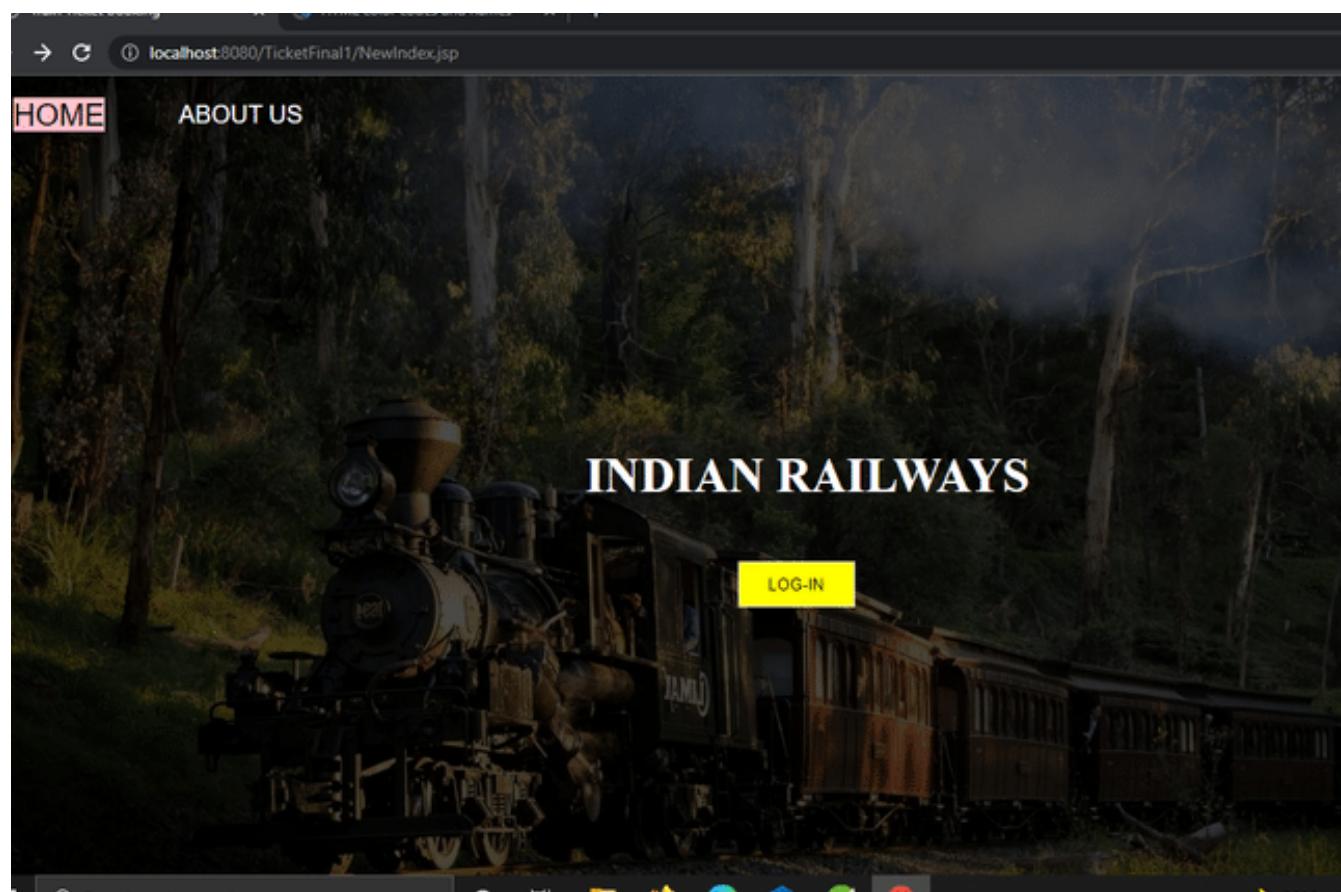
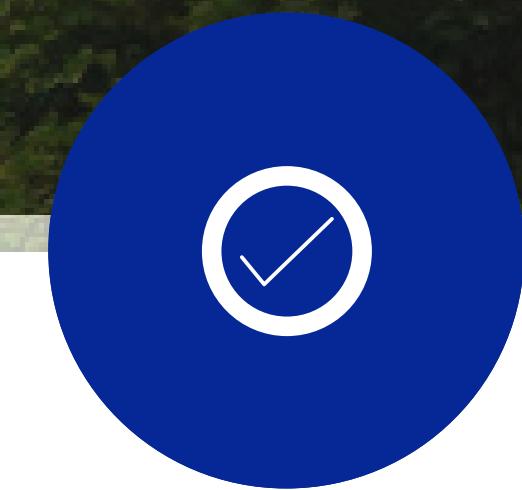
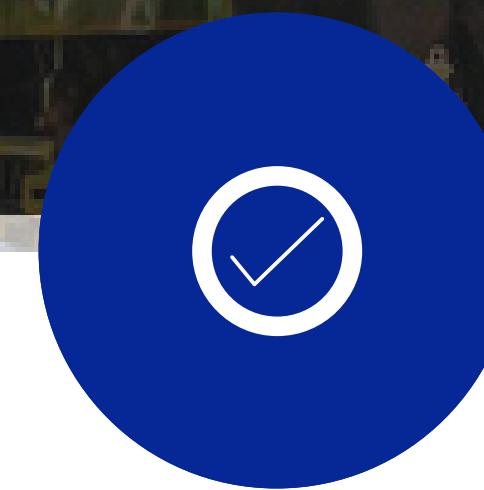
- My SQL workbench
- JDK
- Ecplise
- Spring Boot tool 3.9.0
- Pivotal-tc-server 3.2.6

## TECHNOLOGIES

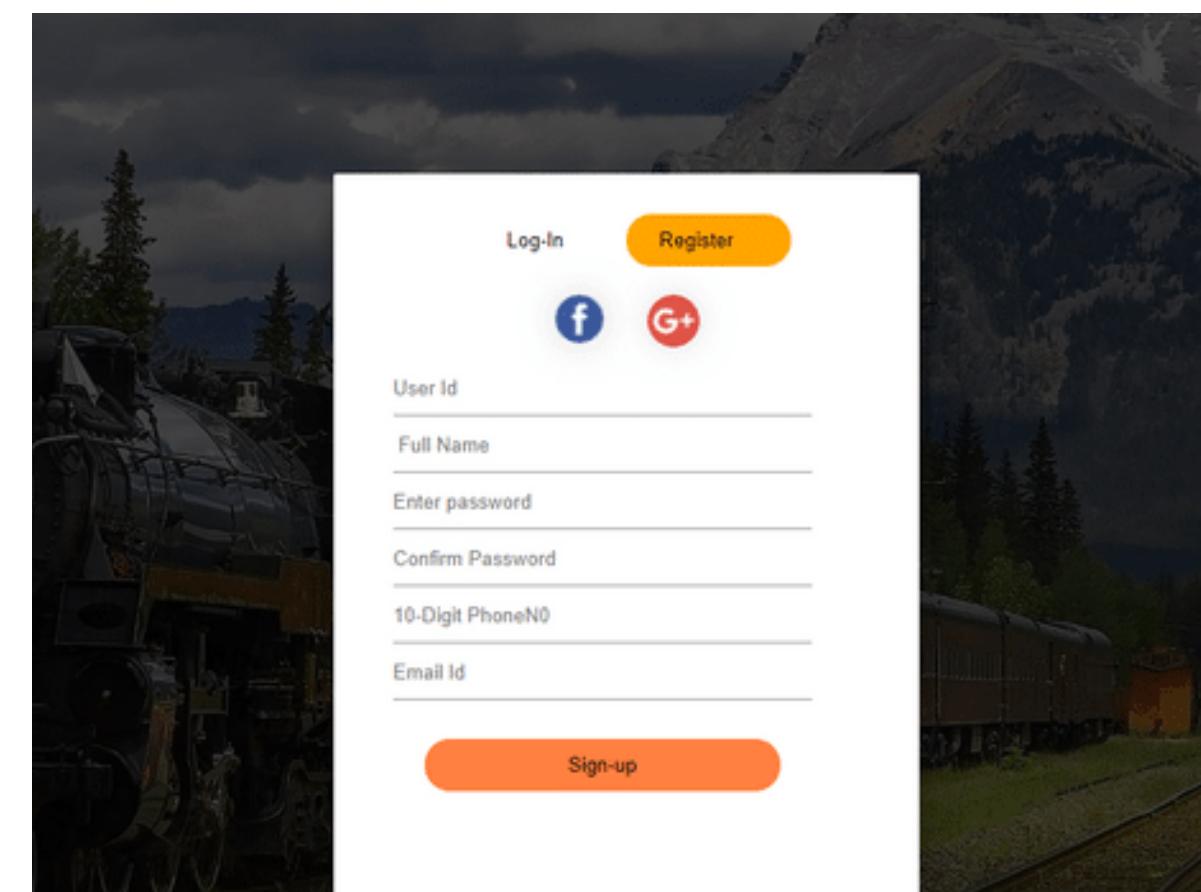
- MY SQL
- JAVA
- MAVEN FRAMEWORK
- JDBC FRAMEWORK
- MVC FRAMEWORK
- HTML
- CSS
- JAVA SCRIPT



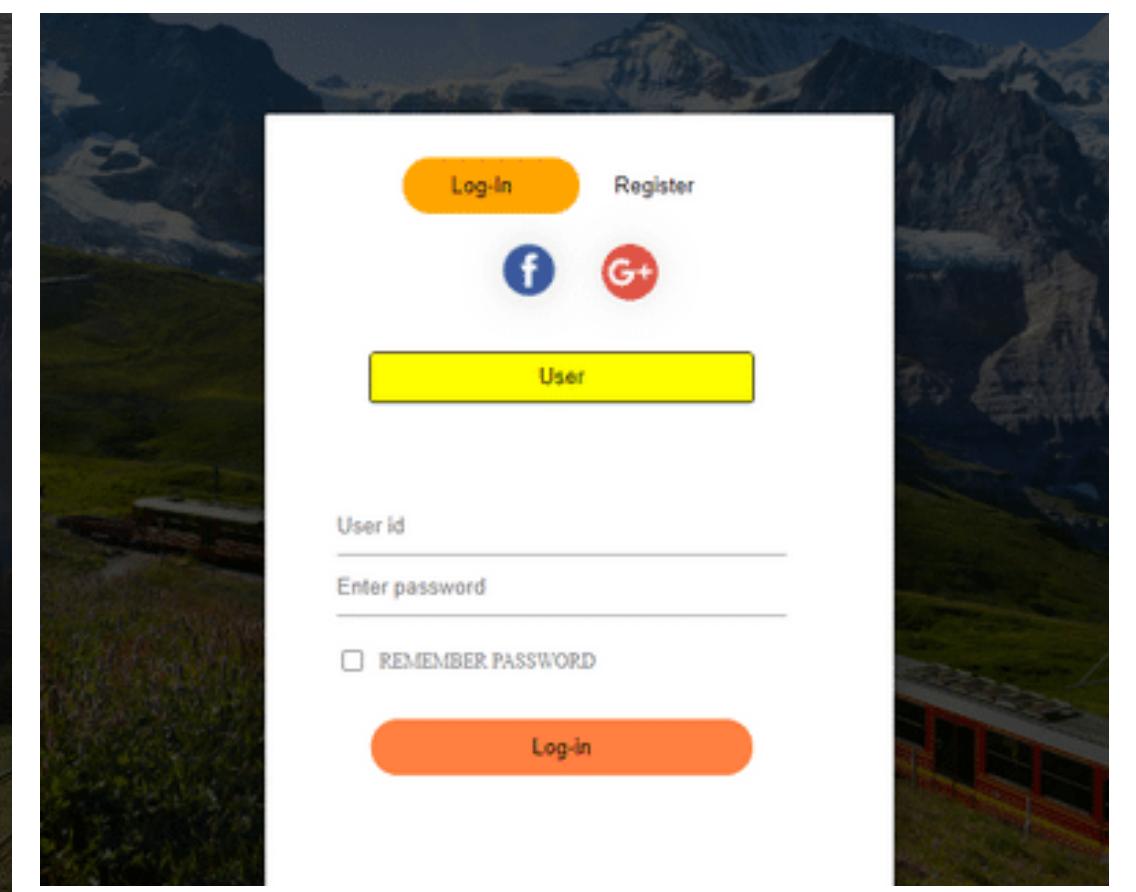
# SCREEN SHOT



HOME PAGE



REGISTER



LOGIN

# INDIAN RAILWAYS

## Trains Available

Train_No	Train_Name	Source	Destination	Ticket_Price
1001	Shatabdi Express	Bangalore	Delhi	2500
1002	Shatabdi Express	Delhi	Bangalore	2500
1003	Udyan Express	Bangalore	Mumbai	1500
1004	Udyan Express	Mumbai	Bangalore	1500
1005	Brindavan Express	Bangalore	Chennai	1000
1006	Brindavan Express	Chennai	Bangalore	1000
1007	Mysore express	Mysore	Bangalore	800

Train Number

Date  mm/dd/yyyy

## Passenger Details

Enter number of Passengers

[Fill details](#)

Name

Age

Gender  Male  Female

Name

Age

Gender  Male  Female

Name

Age

Gender  Male  Female

## Your Train Ticket Information

PNR : BD\_20211230\_952  
 Train No : 1001  
 Train Name : Shatabdi Express  
 From : Bangalore  
 To : Delhi  
 Travel Date : 2021-12-30

Passengers:  

Name	Age	Gender	Fare
nancy	22	F	1875.0
naveen	12	M	1250.0
priyana	24	F	1875.0
raj	24	M	2500.0

 Total Price: 7500.0

[BACK](#)

[Make Payment](#)

[Print Your Ticket](#)

[Logout](#)

## Payment

Card Number

Card Number

Expiry Month and Year

Expiry Month and Year

Enter CVV

CVV

OR

CHOOSE A PAYMENT OPTION:



10/10/2021, 6:29 PM Train Ticket Generator

## Your Train Ticket Information

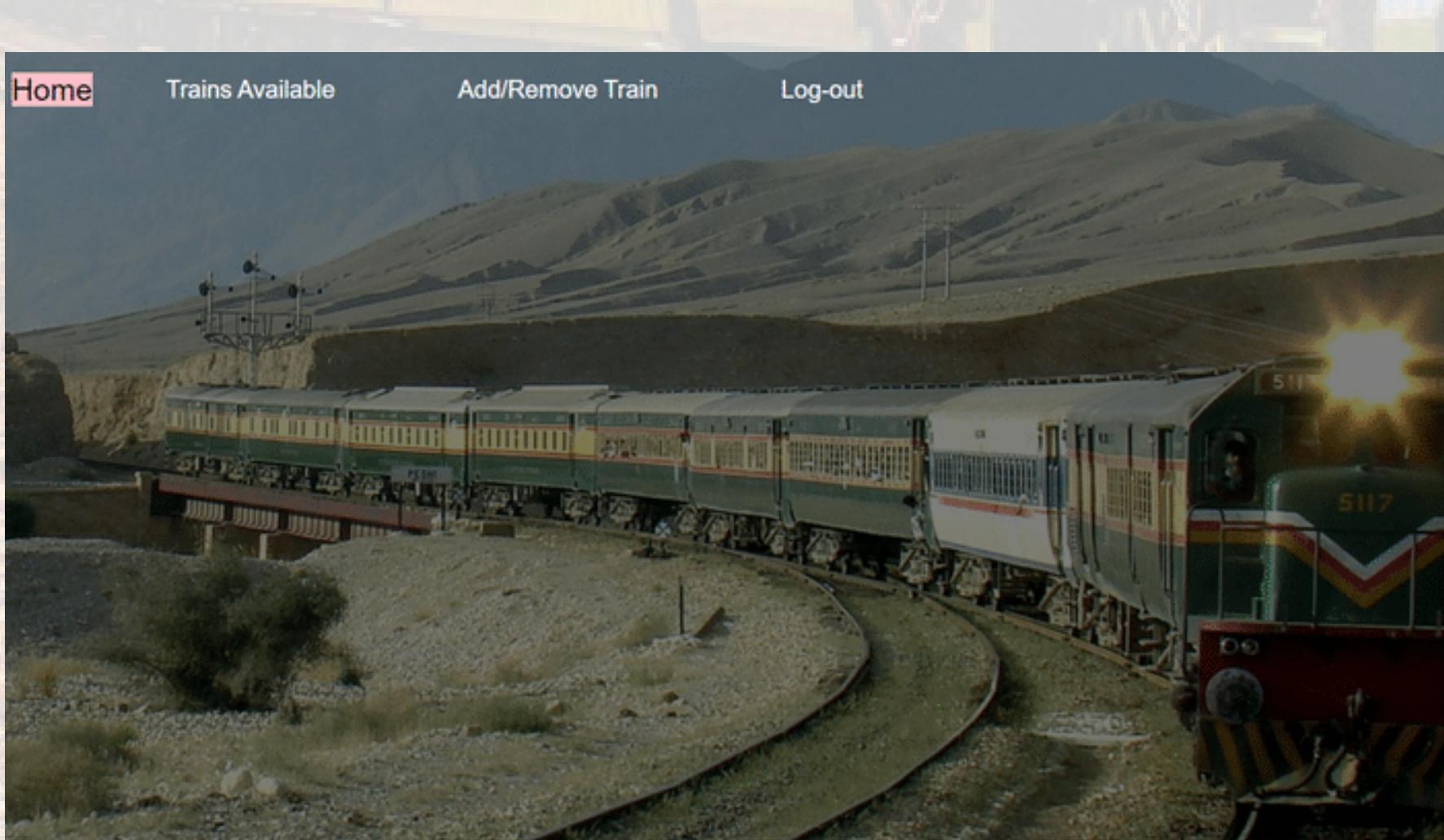
Ref:	: IR_20211230_952
Train No:	: 1091
Train Name:	: Shatabdi Express
From:	: Bangalore
To:	: Delhi
Travel Date:	: 2021-12-30

Passenger:

Name	Age	Gender	Fare
nancy	12	F	1275.0
naveen	12	M	1275.0
priyana	24	F	1275.0
raj	24	M	2550.0

Total Price: 7500.0

[BACK](#) [Make Payment](#) [Print Your Ticket](#) [Logout](#)



Print 1 page

Destination [Save as PDF](#)

Pages All

Layout Portrait

More settings

RAILWAY RESERVATION TICKET BOOKING

Thank you!

Your Ticket is been booked Successfully .

This page will redirect to HOME PAGE in 2 seconds.

localhost:8080/TicketFinal1/login

## RAILWAY RESERVATION TICKET BOOKING

Thank you!

Your Ticket is been booked Successfully .

This page will redirect to HOME PAGE in 2 seconds.

Home Trains Available Add/Remove Train Log-out

Add Train Remove

TRAIN NUMBER

TRAIN NAME

SOURCE

DESTINATION

Fare

Add

A wide-angle photograph of a railway track receding into a horizon under a dramatic sky at sunset or sunrise. The sky is filled with soft, orange, and blue clouds. Bare, silhouetted trees stand on either side of the tracks. In the foreground, the wooden railings and gravel of the railway bed are visible.

# Project Demo



# THANK YOU

Any Questions

