

ONLINE TRAIN TICKET BOOKING

Abstract

The main aim of the project is to ease the process of railway reservation. This project is useful for improving standards of railway systems like checking different train timings and availability of trains between stations. It is the computerized system of reserving the seats of train seats in advanced. So we can generate the number of counters for the reservation of the seats and one can easily make reservations and get tickets by using this application.

Introduction

Railway ticket reservation will help the passengers to book their tickets for their journey, search train between two stations and get details of particular train schedules. The main purpose is to reduce the manual errors involved in the booking and cancelling of tickets and make it convenient for the users and providers to maintain the data about their passengers and also about the seats available at them.

Technology Used in the project

- For front end pages designing - HTML/CSS
- All business logic has been done with JAVA
- MySQL database has been used to store all the data
- For front end logic – JSP
- Spring and Hibernate

Action Performed

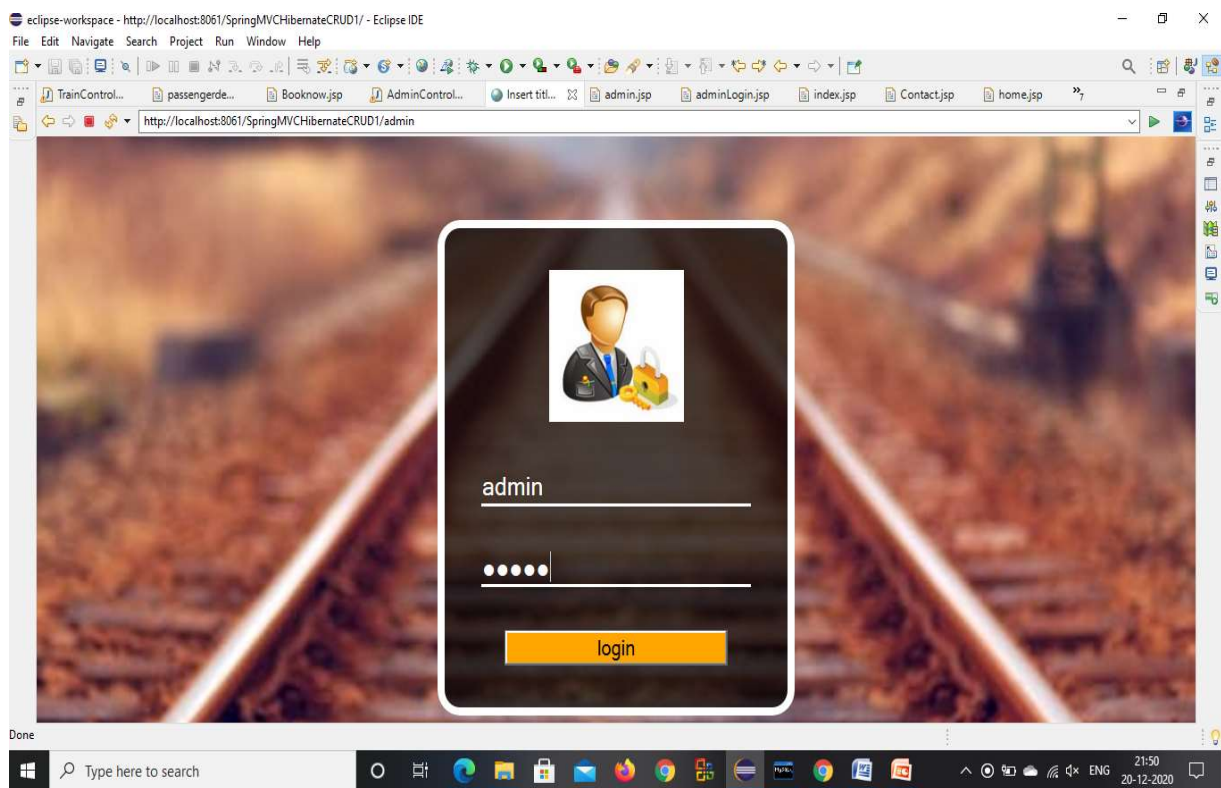
Generally this system contains two modules:

1. Admin Module
 2. User Module
- I. Admin Module

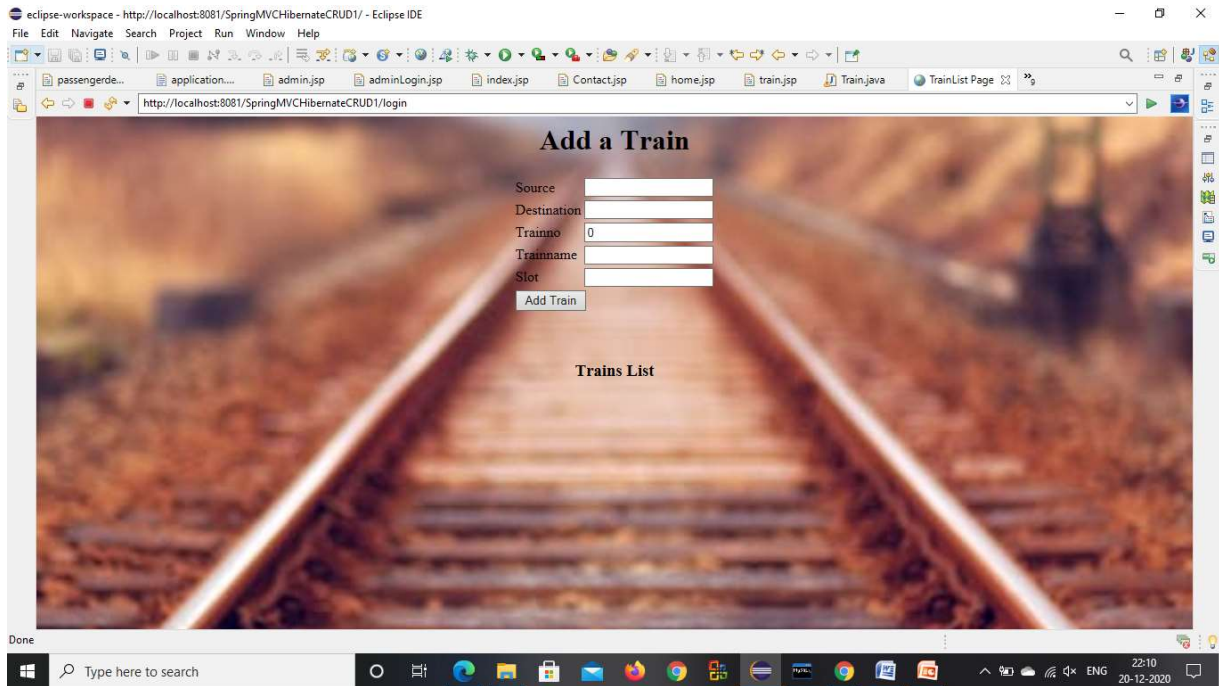
Firstly admin has to login and perform all the actions like

- Admin can add new train records
- Admin can see all the trains details
- Only admin can edit and update the record of the train
- Admin can able to delete the records of the train

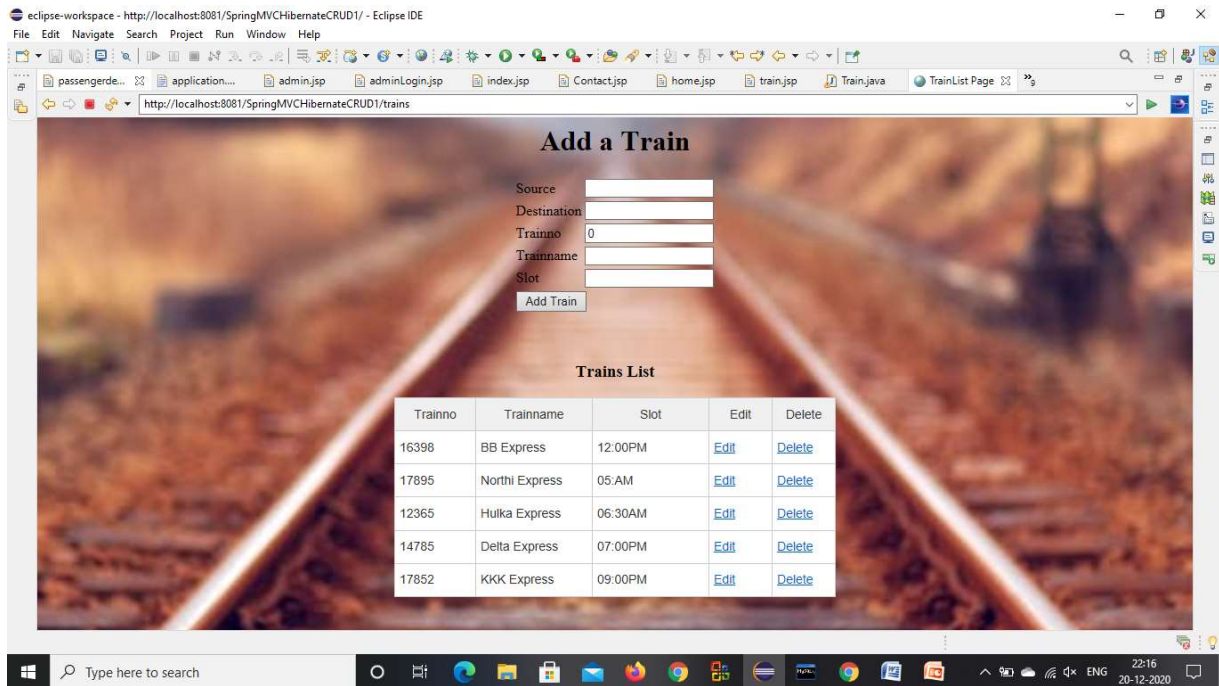
Step-1: The first step is the admin has to login to his/her portal



Step-2: Here username and password are validated by checking whether it is already exists in database or not. After validation admin portal has been opened and he can add trains, check all the trains, edit and update the records.



Adding the train details

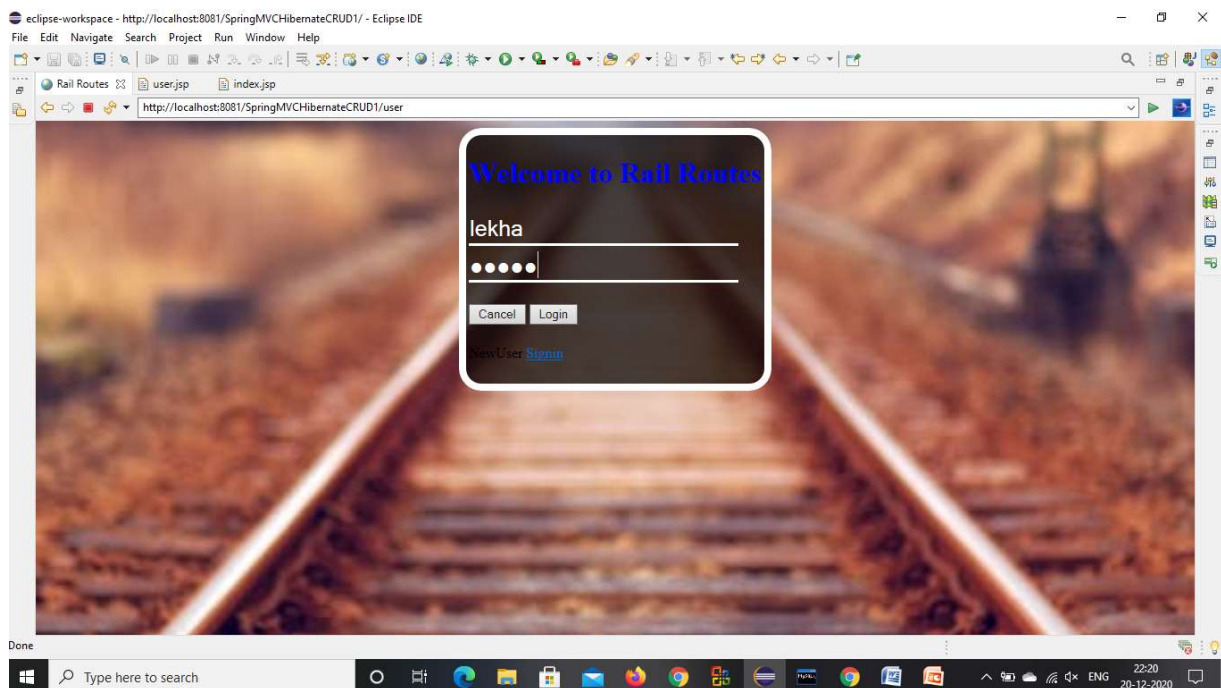


II. User Module

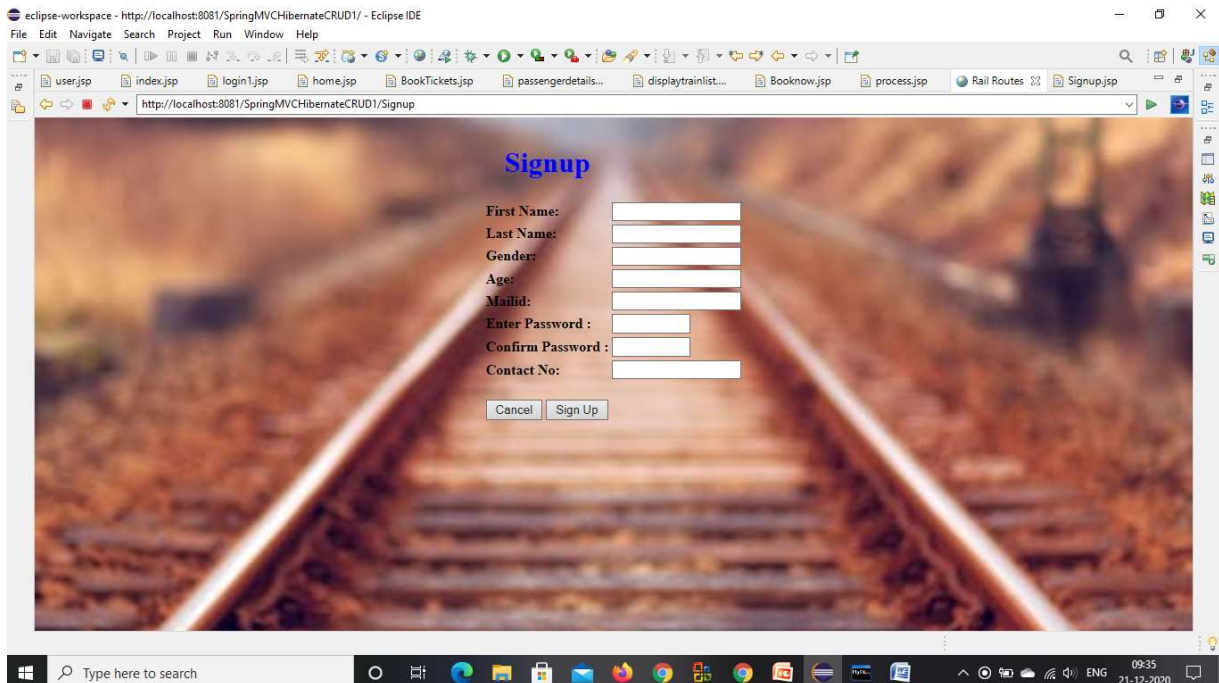
Now users should be registered and should have a valid login and password to make their reservation

- Users register personal information, so they can order tickets in the system.
- Users search train information through the system and see whether having appropriate tickets.
- Users order tickets on the user interface. The system returns the result of ordering tickets information.
- Users can select cancelling operation for some reasons, so the personal information will be removed from the system.

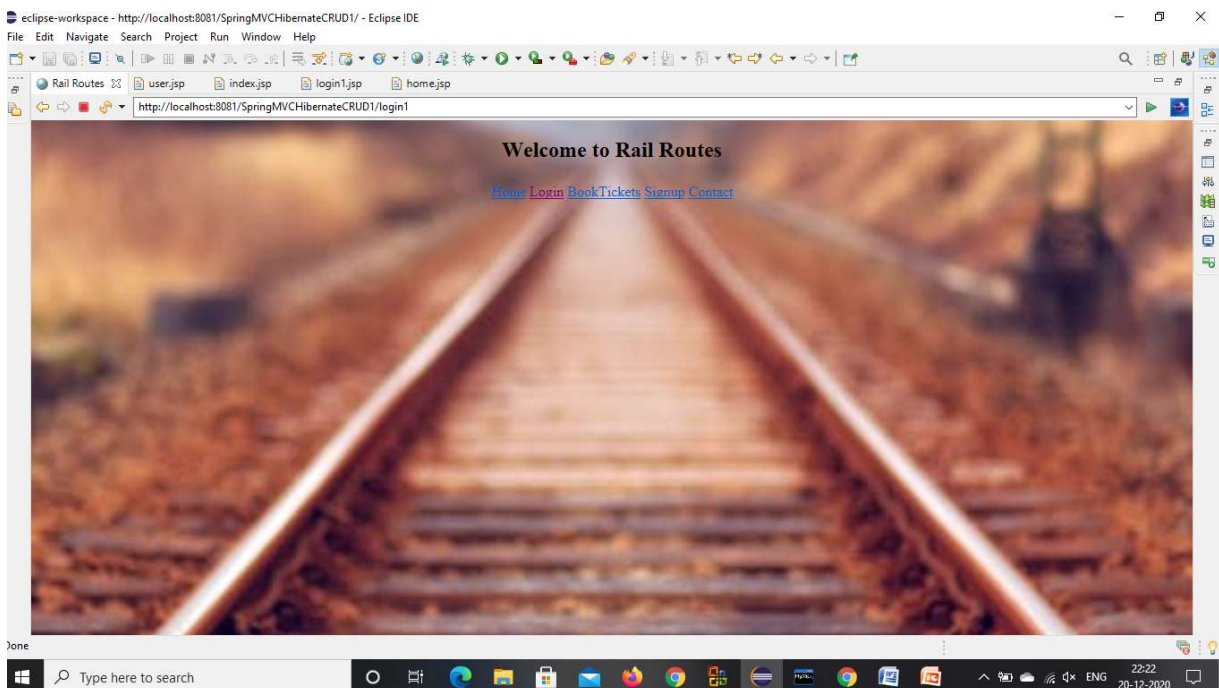
Step-1: The first step is the admin has to login to his/her portal



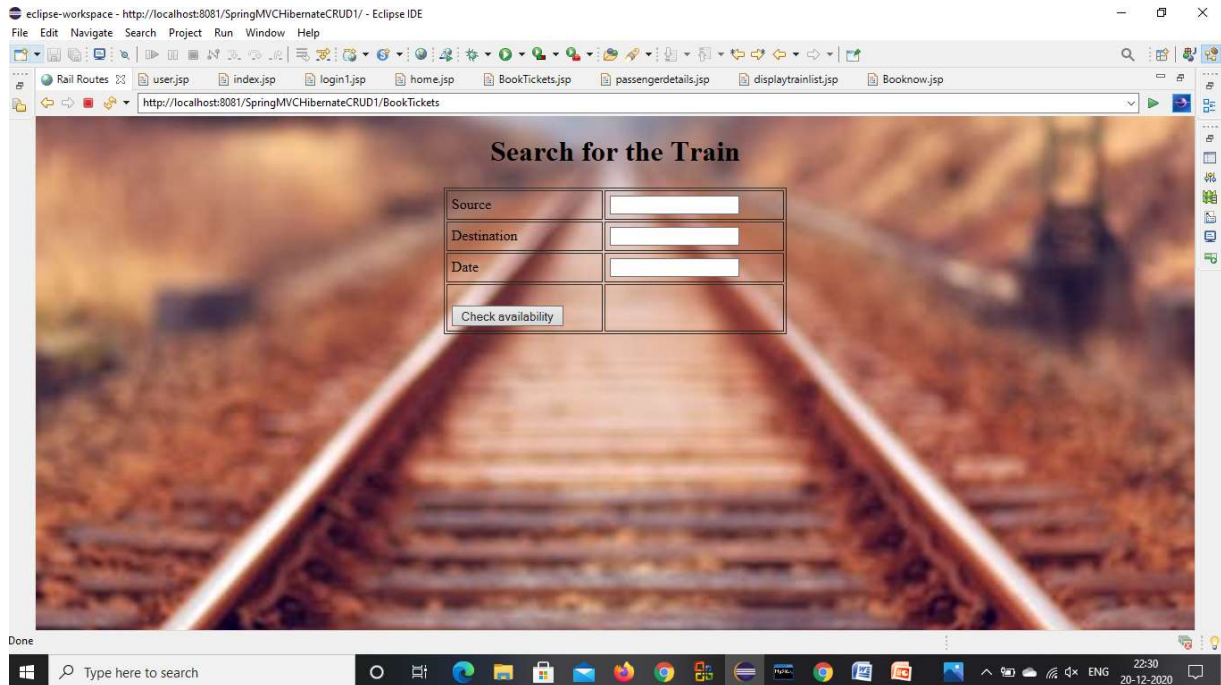
If the user doesn't has his own account i.e., if he is a new user the first of all he has to signup.



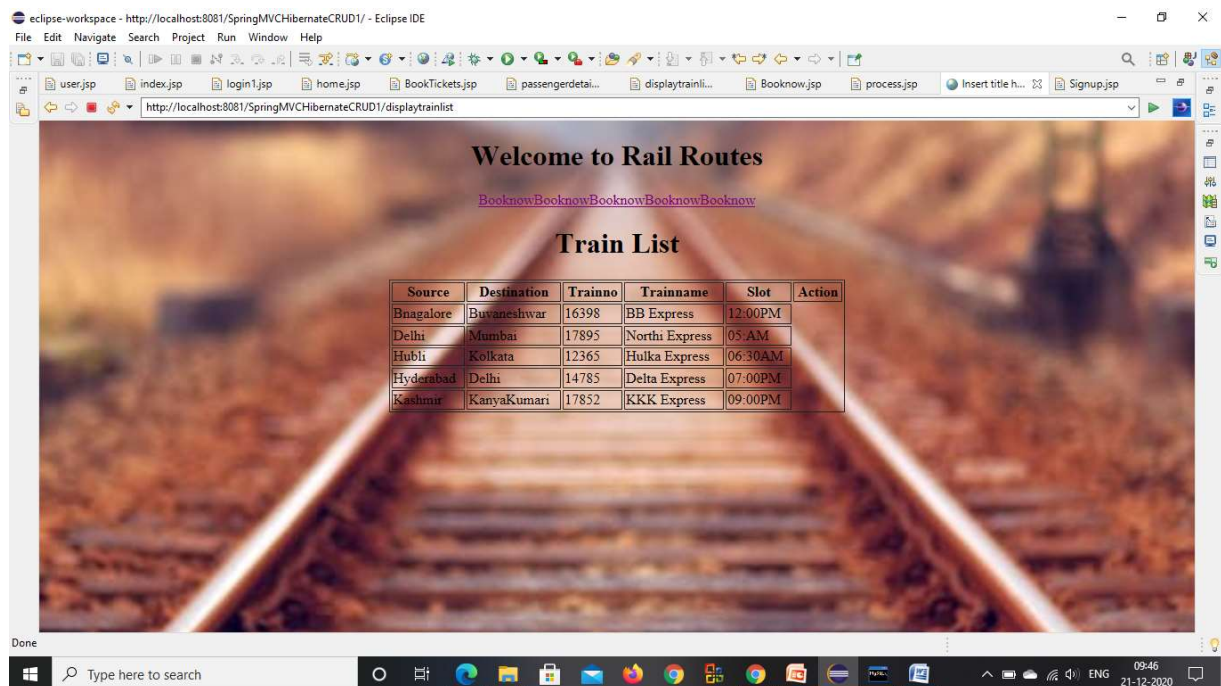
Step-3: After login successfully user can be directed to home page.



Step-3: Here user can book tickets by clicking on Book Tickets url.



Step-4: After selecting users source, destination and Departure date the he can be directed to list of train's page.



The screenshot shows the Eclipse IDE interface. The top menu bar includes File, Edit, Navigate, Search, Project, Run, Window, and Help. The toolbar contains various icons for file operations and development tools. The browser window displays the URL `http://localhost:8081/SpringMVCHibernateCRUD1/Booknow`. The web page has a background image of train tracks and a form titled "Enter Passenger Details". The form contains the following fields and buttons:

Source	<input type="text"/>
Destination	<input type="text"/>
Name	<input type="text"/>
Age	<input type="text"/>
Gender	<input type="text"/>
Email	<input type="text"/>
Mobile No	<input type="text"/>
Slot	<input type="text"/>
Train No	<input type="text"/>
Train Name	<input type="text"/>
Submit	Reset

A screenshot of a web browser window. The address bar shows the URL: http://localhost:8081/SpringMVCHibernateCRUD1/login. The main content area displays a message: "Have a Safe Journey" in a large, bold, black serif font. Below it, "Thank You" is written in a smaller, bold, black serif font. Further down, "See you soon in next Booking" is written in a bold, black serif font. At the bottom of the message, there is a purple underlined link that says "logout". The background of the page is a blurred image of train tracks receding into the distance. The browser's interface includes a menu bar (File, Edit, Navigate, Search, Project, Run, Window, Help), a toolbar with various icons, and a sidebar on the right with icons for different views. The Windows taskbar is visible at the bottom of the screen.

