

Ticket Booking System

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Description

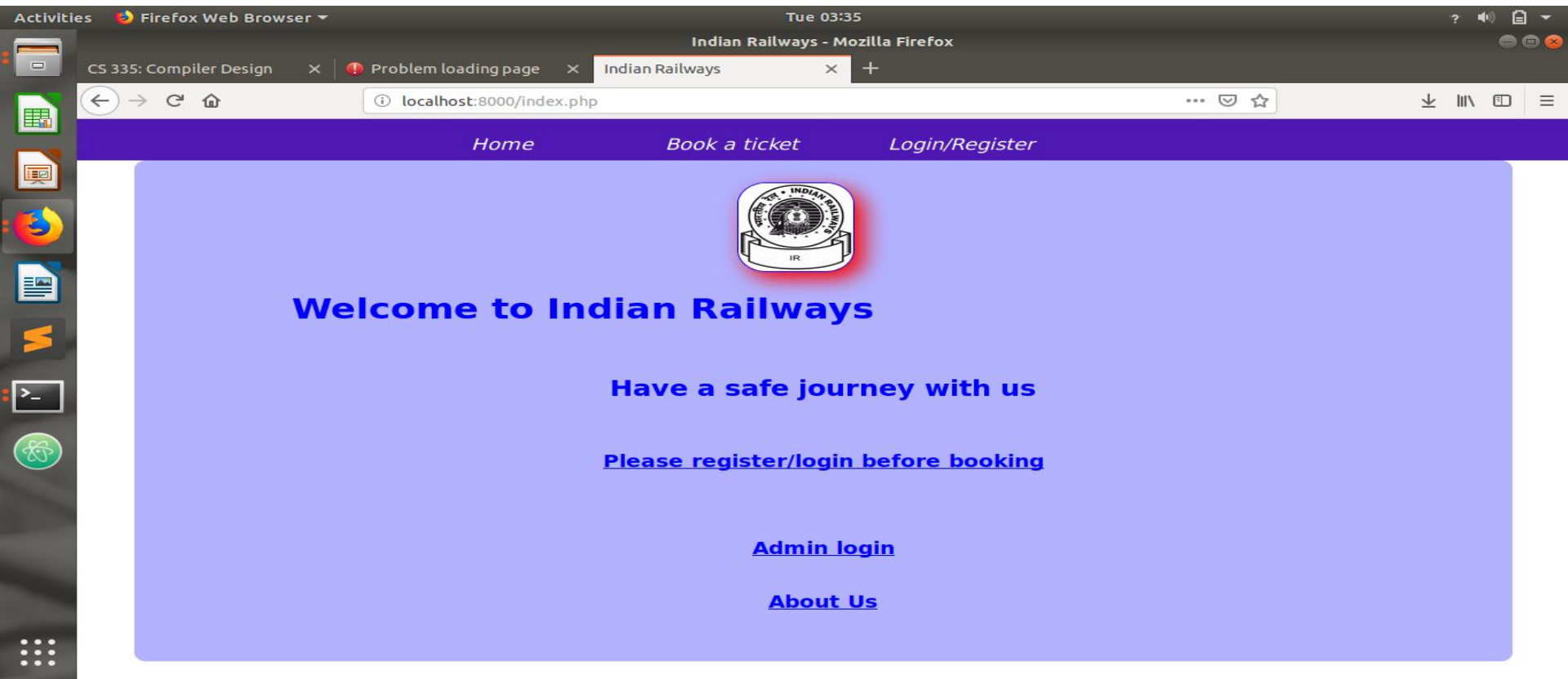
- This Website is a model of modern online reservation system used by irctc.
- Below is the index page of the site.
- Register as passengers to book ticket.
- Login as Admin and add trains.
- Bank balance will be checked and updated appropriately during booking as well as cancelling tickets.
- AJAX is used to suggest Train list as well as station list

- Mysql contains four tables trains, tickets, admin, passengers,.
- All the tables are in 2nf.
- Except for admin able which is in BCNF as only two coloumns are there.

Following slide displays home page of website which has 3 fields:

- Login/Register
- Admin login
- Book Ticket (works when some user's session is active else asks you to login first)

Index Page :



- The Below given Page contains a form which takes asks for information and populate passengers table accordingly.
- Aadhar , email , bank account number are primary keys.

Register Page

Activities Firefox Web Browser Tue 03:36

Register on Indian Railways - Mozilla Firefox

CS 335: Compiler Design Problem loading page Register on Indian Railways

localhost:8000/register.php

Enter your details:

First name:

Last name:

Age:

Mobile Number:

AADHAR:

Bank Account No.:

Gender: ☐ Male ☐ Female ☐ Transgender

E-Mail ID:

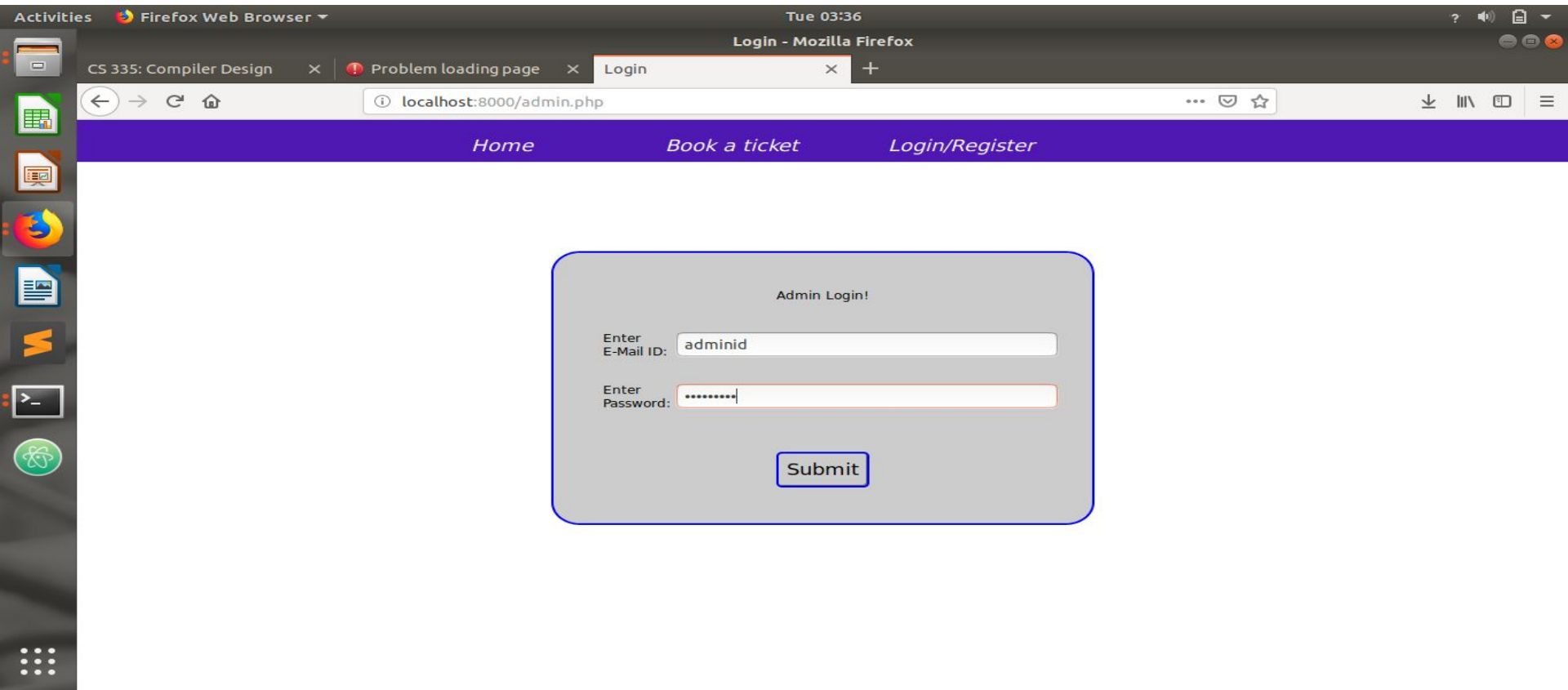
Password:

Confirm Password:

Already have an account with us?

- Admin Page asks for login.
- Admins are hard coded (for security reason)

Admin Login

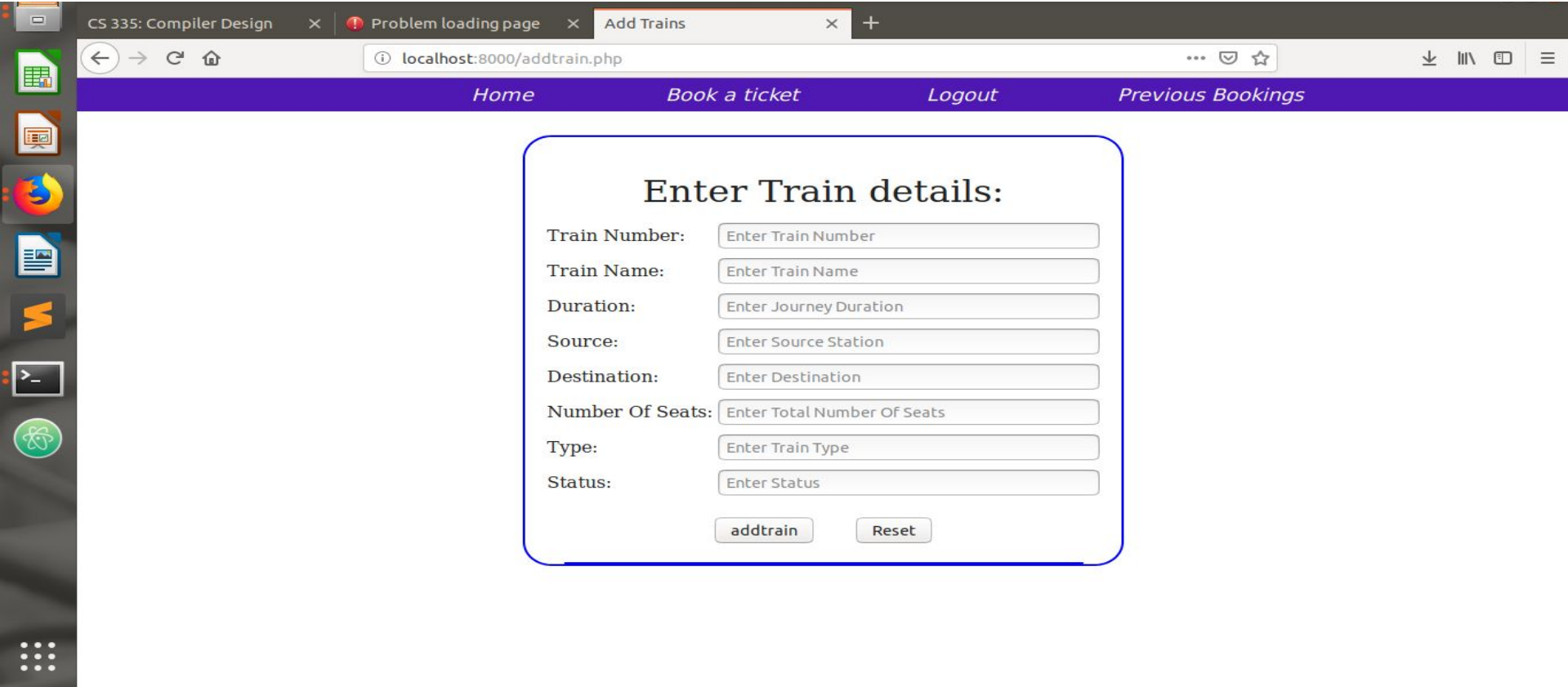


Following page is followed by Admin Login where admin can add a train filling the train details.

These details are inserted in a new row in the table 'train'.

Train number is the primary key.

Add Trains



CS 335: Compiler Design × Problem loading page × Add Trains ×

localhost:8000/addtrain.php

Home Book a ticket Logout Previous Bookings

Enter Train details:

Train Number:

Train Name:

Duration:

Source:

Destination:

Number Of Seats:

Type:

Status:

Cancel Tickets

- Cancel Tickets functionality cancels the whole ticket , partial cancellation is not supported.
- T_id is unique , primary key and is used to identify a ticket.
- During cancellation the amount is refunded and the seat number is incremented in trains table
- Once the ticket is cancelled the cancellation functionality remains closed.

Cancel / Previous Bookings

Activities Firefox Web Browser Tue 03:39 Tickets - Mozilla Firefox

CS 335: Compiler Design x Problem loading page x Tickets x +

localhost:8000/can.php

Home Book a ticket Logout Previous Bookings

Date	Train No	Status	Fare	Action
	12951	Confirmed	100	CAN: <input type="radio"/>
2018-11-28	12951	Cancelled	100	
	12951	Confirmed	100	CAN: <input type="radio"/>
2018-11-28	12951	Confirmed	100	CAN: <input checked="" type="radio"/>

Submit Query

Booking a ticket

Once we enter source, destination and date of our journey the 'gettrain' displays all the trains available to user from table 'trains'.

We select one of them, then it asks us to pay accordingly.

It deduces balance from customers account and balance gets updated in the table 'passengers'. Also the ticket Generated is updated in the table 'tickets'

Book Ticket

Activities Firefox Web Browser Tue 03:39

Book a ticket - Mozilla Firefox

CS 335: Compiler Design x Problem loading page x Book a ticket x +

localhost:8000/booktkkt.php

Home Book a ticket Logout Previous Bookings

Plan your Journey

Date:

From Station: mumbai central 28 / 11 / 2018

Destinaion: delhi

gettrains

Train List: 12951 rajdhani Superfast

Submit Query

Link to Project

<https://github.com/ahmadtauseef/Train-reservation-system>

THANK YOU