

Angular Certification Training

In-Class Project Statement

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Problem Statement: Build an online bus ticket booking web application using Angular

1. Background:

Mytrip.com is an online travel booking web application providing a range of choices for bus travelers. This web application is available 24 X 7 to book bus tickets across different cities.

Mytrip.com is designed in old asp.net technology and is the fastest-growing web application with a customer base of approximately 1 million users. With the increase in web traffic, website load time has increased which in turn, has reduced the speed and performance of the website. Also, due to tight coupling of UI components, the development team faced issues to add or update any feature. Hence, all these challenges led to unsatisfied user experience.

The company wants to focus on performance, responsive UI and support for mobile devices. So, the company decided to upgrade its website using the Angular framework.

2. Goal:

The goal of this project is to build an online Bus Ticket booking application with effortless seat selection and payment process using Angular framework.

3. Web Application Requirement:

Angular, HTML and CSS

4. Web Application Implementation:

The Web Application should include following aspects:

- 1) Search buses for different routes
- 2) Bus list page
- 3) Seat selection page
- 4) Passenger information page
- 5) Review bus ticket page
- 6) View bus ticket page

1) Search buses for different routes

Leaving From

Select Place

Going To

Departing On

dd-mm-yyyy

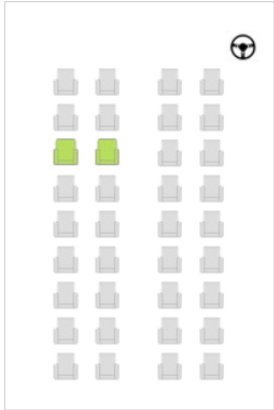
Search Buses

2) Bus list search page

Bus Name	Dept. Time	Coach Type	Seats Available	Fare	
Green Line	10:00 PM	AC	36	1000	View Seats
Star Line	7:00 PM	Non AC	36	800	View Seats
Green Line	12:00 PM	AC	36	1000	View Seats
Green Line	3:00 PM	AC	36	1000	View Seats

3) Seat selection page

Select Seats



Seats	Fare	Class
C2	1000	economy
C1	1000	economy

Total: 2000

Confirm

4) Passenger information page

User Name

User Mobile No

Email

Submit

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5) Review bus ticket page

Journey Details

Pune To Bangalore

Date & Time : 2020-01-16 :10:00 PM

Royal Exclusive

Coach Type : AC

Seats No (A1 , A2 ,)

6) View bus ticket page

Online Reservation

Pune Bangalore	2020-01-16
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Passenger Details	Ticket Id	Seat No	Total Fare
edureka 9854217854 edureka@gmail.com	-LyWrKla_RCNQ7-Ed4-u	A1 A2	600

Bus Name	Reporting Time	Departure Time
Royal Exclusive Coach Type: AC	Before 30 mints	10:00 PM

**** Please Bring this copy to ticket counter for collect your ticket**