Department Research Component

Submitted as Mini Project for Database Management Systems - Semester IV

**BACHELOR OF TECHNOLOGY**

in

Computer Science and Engineering

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## Abstract

Objective of building a website similar to redBUS, which can be used to book bus tickets from anywhere, anytime. Without having to stand in the long queues bus tickets can be booked via this site. Also, you can check the availability of seat in a particular bus.

Provide the Origin, Destination and Date of journey and a list of buses with prices, seat availability, arrival and departure times will be generated following that route.

Passenger can check the availability of seat and book their tickets accordingly.

## Tools Used

PostGreSql, MySql, JQuery, Bootstrap, AJAX, PHP.

## Tools/APIs which can be used for better performance

Django - A python based backend framework which could have simplified extraction and thus input of data into tables.

React - A web frontend framework which would have made it easy to accomplish UI designing for display of query results.

## Outcomes

* A site to book bus tickets hassle-free.
* Book tickets from anywhere, anytime.
* Book bus based on the route you want.
* Check the availability of seats and whether its an AC or a NON-AC BUS.