

FINAL PROJECT

REPORT

*BUS MINE*  
(BUS SEAT RESERVATION SYSTEM)

**Section 3**

**INFO 3305**

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5. **INTRODUCTION**

Our project title is ‘Bus Seat Reservation System’ which is a system to book a seat through an online website. Basically, the user can directly choose their preferred based on the list of seats shown on the system.

Bus Mine which is our system name is a bus reservation system that provide the user secured account to access their bookings. This web application is for two users which are customers and admin. Some of the available features are register, update or edit details, cancel and also view the booking.

1. **PAGE FUNCTIONALITY**

**Register Page**

The page is for the first time user to enter all the details to register with the system. The details then will be saved into the database.

**Login Page**

This page is for the user to enter their username and password to get into the system. The user needs to enter the password twice for credential and verification.

**View Seat Page**

This page shows the user all the seats that available for booking. Then, the user can choose the vacant seat and reserve the seat while booked seat will be locked from being choose.

**Confirmation Details Page**

This page is for the user to confirm all their details. They can update or edit their details if there is some mistake during their first registration.

**Booking Confirmation Page**

The page is for the user to double confirm their seat reservation so they can proceed to next step or log out from the system.

**Cancellation Page**

All the booking can be easily being cancel by the user if there is any changes they want to make.

**Log Out Page**

The user can proceed to logging out from the system as the final step after done using the bus seat reservation system.

1. **SEQUENCE DIAGRAM**

A close up of a map

Description automatically generated

Sequence Diagram

**CONCLUSION**

To conclude, we encountered some problems that might affect the system from working well. Thus, we found out that time management is one of the important aspects we need to revised out. Teamwork within the teammates also play an important role to ensure the successfulness of the project. As the last part which is JDBC that we need to apply also confused us a lot as we lack of practise of this function. Thus,this giving us some difficulties to settle the project.

Overall, the project managed to be done although of the some hardship we faces during the development of the system.