



IUT Transport Service

Final Project Presentation

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Introduction

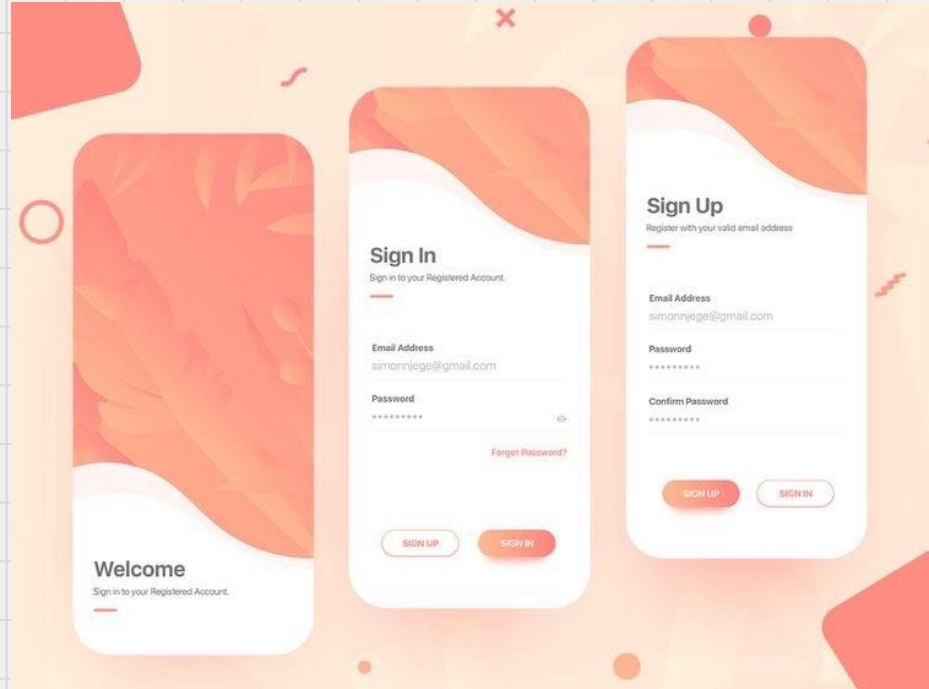
IUT Transport Service is an online ticket booking system, made to bring down the hassle of worrying about transportation to and from IUT.

In addition to a number of buses, a car rental service is also available in this system, accessible to anyone in IUT.

It is a means of travelling from IUT to almost anywhere in Dhaka.

Features

- Sign up and log in



Picture for reference

Features

- Menu bar

Bus List

Bus List & Departure Time

Bus Fare & Destinations

Car Rental

Book and Cancel Ticket

Receipt and Payment

User Status

Features

- Bus list & departure times
- Bus fare & destinations
- Car rental



Features

- Book & cancel ticket



Enter your travel
details



Filter buses
based on your
choice



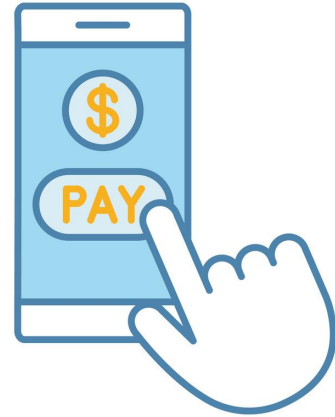
Choose a bus
operator and
seat



Pay the ticket
price

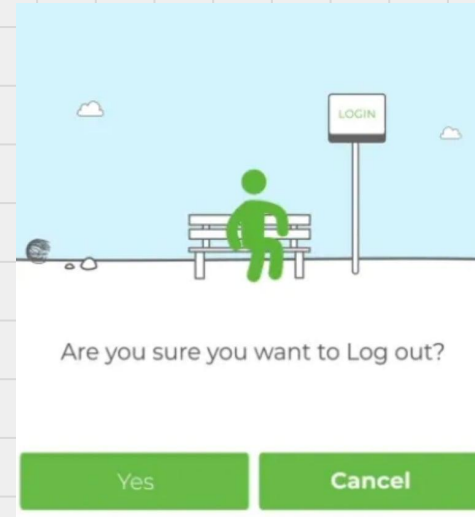
Features

- Show receipt and pay bill online.
- Pay in cash
- Print receipt



Features

- User status
- Log out



Limitations:

- ***Cannot rebook tickets-*** Upon cancelling a ticket, that particular ticket cannot be bought again and is permanently lost.
- ***Lack of distinctive bus routes-*** All buses have the same route of travel.

Challenges Faced:

- Adding the ability to edit your password while entering it in case you make a mistake.
- Deserializing inside the Login function initially resulted in garbage values being scanned.
- Initial trouble tracking available bus seats which was later solved using boolean values.
- To show which seats of the bus is available .
- Implementation of the Ticket Cancellation function.

Demonstration

Contributions:

- **Fahim Abrar Fuad:** Login function, Ticket Booking and Cancel function, Menubar, Design , Documentation, Commentation , Debugging , Print receipt of the Bill & Tickets.
- **Sadia Sultana:** Sign-up, Bus list, Bus fare and Ticket pricing, UI Design, Presentation Script, Slides
- **Saiyma Sittul Muna:** Car rental, Money receipt, Print receipt for Car Rental Service , Payment, UI Design ,Slides



Thank You

