

PROJECT PROPOSAL

Intake-Section:	44-7
Project Title:	Transport Management
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1. Needs/Problem

We know Bangladesh is an overpopulated country and the most overpopulated city is its capital Dhaka. In this city, one of the biggest problems is public transportation. Rich people used their personal cars or other private vehicles to reach their destination and poor people used the bus. There are so many bus companies that operate their buses in the same route in Dhaka. As a result, so many vehicles come to the road and make traffic jams. and it is one of the worst curses in Dhaka city. Traffic jam kills time to every kind of person. So, we need to develop a project like both poor and rich people can use it and don't take more space on the road.

2. Goals/Objectives

Now we want to make a project with bus. Because bus is a most useful vehicle in an urban city. A bus can transport 10 cars passenger. so that our road space will be free. If we can minimize our private vehicles' we will be free from jams. If there is no traffic-jam we can reach our destination in time. it also helps our environment. Because as we told before a bus can replace 10 private cars. So, pollution generates 7 to 8 times lower.

1. Bus will go in a single line so that we will save our road space.
2. Ticket only found online and bus stoppage. we make an e-ticket system so that no person can buy tickets online. No person can't go without a ticket.
3. The buses only stop at bus stops. No person leaves and enters the bus in the middle road. For this, we can prevent accidents.
4. All buses run serially. So, there will be no competition.
5. In emergency cases passengers can contact admins.
6. The most useful solution to save our environment.

3. Methodology

Every bus will run according to time every bus stoppage will have a time break for leaving and entering passenger. Our project takes some information from users like what time to go, from, and to. Our project will calculate money according to distance. Then the person can book a ticket from our project or he can take a ticket from bus stoppage. There will be two sides to this project one side is for the user and the other is for admin. Admin can add, remove or change driver, ticket price range, helper, buses, and information. Users can buy tickets (day/month/week). This project will save all activities of the users. The project will send passengers to the bus helper. So that no person can go without a ticket.

4. Resources

Required resources are:

- Computer/Laptop
- Visual Studio
- Database
- Ram - 8 Gb
- Storage – 256 Gb

5. Summery

We want to make a transport system that can save our time, environment-friendly, public budget-friendly, and also an accident less. Day by day people is dying from the unsafe road. By doing this project we will minimize the death rate, at the same time will get a safe road.

6. References

- Bus Route Rationalization and Company Based Operation of Bus Service in Dhaka.