

Istanbul Sabahattin Zaim University

PUBLIC TRANSPORT SYSTEM

DEPARTMENT OF SOFTWARE ENGINEERING

PROJECT PROPOSAL
ASSIGNMENT #1
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INTRODUCTION

The public transport system provides detailed information to people living in Istanbul about buses, stations, subways, metrobuses and steamboats. MySQL database will be used for store information in this project. The details of the projects are given below:

OBJECTS

- 1.) Buses
- 2.) Stations
- 3.) Routes
- 4.) Subways
- 5.) Metrobus
- 6.) Steamboats
- 7.) Announcements

Also admin login panel exists.

1. BUSES

| Function Name | Description |
|-----------------|--------------------------------------|
| Add bus | Add a new bus to database |
| Delete bus | Delete an existing bus from database |
| change bus | change an existing bus from database |
| Search by name | Search buses by name |
| Search by route | Search buses by route |
| View bus pic | Show the bus picture |
| Search by time | Search buses by departure time |

2. STATIONS

| Function Name | Description |
|------------------|--------------------------------------|
| Add station | Add a new bus to database |
| Delete station | Delete an existing bus from database |
| Search by name | Search stations by name |
| View station pic | Show the station picture |

3. ROUTES

| Function Name | Description |
|----------------|--|
| Add route | Add a new route to database |
| Delete route | Delete an existing route from database |
| change route | change an existing route from database |
| Search by bus | Search routes by buses |
| View route map | Show the route on map |

4. SUBWAYS

| Function Name | Description |
|-----------------|---|
| Add subway | Add a new subway to database |
| Delete subway | Delete an existing subway from database |
| change subway | change an existing subway from database |
| Search by name | Search subways by name |
| Search by route | Search subways by route |
| View subway pic | Show the subway picture |
| Search by time | Search subway by departure time |

5. METROBUS

| Function Name | Description |
|-----------------|---|
| Add Mbus | Add a new metrobus to database |
| Delete Mbus | Delete an existing metrobus from database |
| change Mbus | change an existing metrobus from database |
| Search by name | Search metrobuses by name |
| Search by route | Search metrobuses by route |
| View Mbus pic | Show the metrobus picture |
| Search by time | Search metrobuses by departure time |

6. STEAMBOATS

| Function Name | Description |
|-----------------|--|
| Add Sboat | Add a new Steamboat to database |
| Delete Sboat | Delete an existing steamboat from database |
| change Sboat | change an existing steamboat from database |
| Search by name | Search steamboat by name |
| Search by route | Search steamboat by route |
| View Sboat pic | Show the steamboat picture |
| Search by time | Search steamboat by departure time |

7. ANNOUNCEMENTS

| Function Name | Description |
|-------------------|------------------------|
| Add announce | Add a new announcement |
| Delete announce | Delete an announcement |
| change announce | change an announcement |
| View announce pic | Show the announcements |