

# **Project Report**

## **Voyager Transport Portal**

### **Course Details:**

Course Name: Database Management System

Course Code: CSE311L

Section: 8

Faculty: Tarek Ibne Mizan (TIM)

Lab-Instructor: Sabbir Mollah

Semester: Summer 2022

### **Project Details:**

Project Title: Voyager Transport Portal

Group Number: 08

Group Members:

- |                             |                |
|-----------------------------|----------------|
| 1. Asif Rahman              | ID: 2012691642 |
| 2. M M Shovon Hossain Junak | ID: 2011396642 |
| 3. Md. Nafiz Al Mahmud      | ID: 2012241042 |

Project Submission Date: 30<sup>th</sup> August 2022

## **Introduction:**

Voyager is a well known company in the city. It has a lot of workers, who come from different places of the city. Voyager offers transportation system for their workers. As the number of workers is increasing and the schedules for transports are increasing, it has become hard for the transport managers to manage the system.

To solve this problem, the higher authorities of Voyager have decided to create an online transport system where the workers will be able to login using a unique user ID number and a PIN. They can enter their pickup location and destination to see the list of available transports. They can also book a seat for them if they want to.

## **Project Description:**

### **Development Tools:**

- Frontend: HTML, CSS
- Backend: PHP
- Database: SQL

### **Features:**

**Registration System:** All users have to be registered in order to log in to the website.

**Search:** Users will be able to search using the search option. Users will be able to enter their locations and destination.

**Booking:** Users will be able to book a seat after the search.

**Profile:** Users will be able to view and edit their profile.

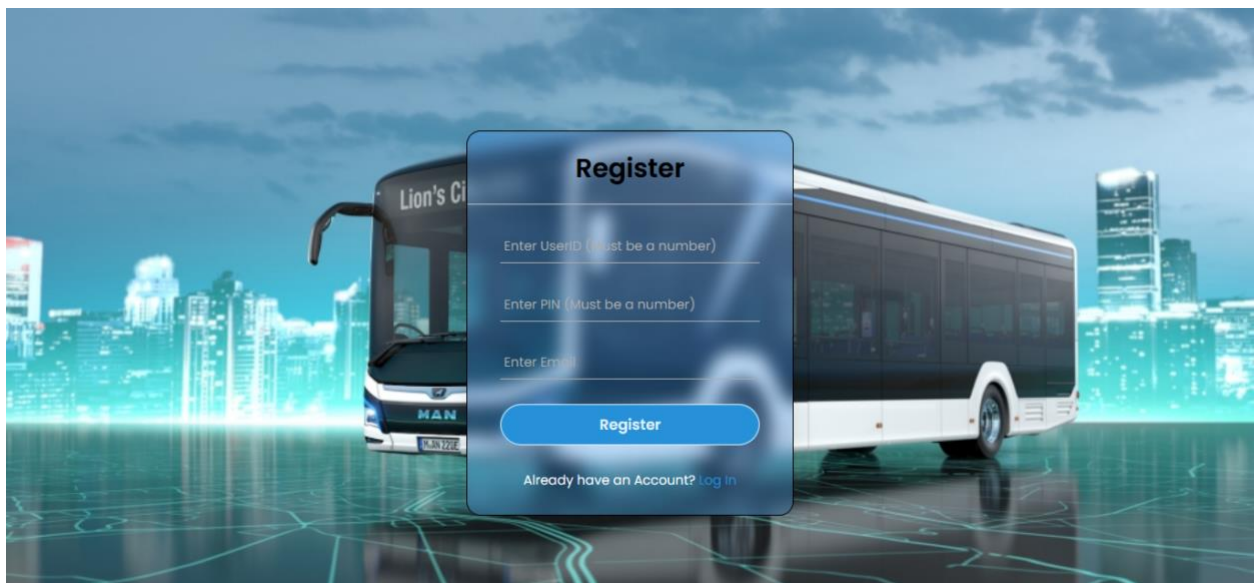
**Deletion:** Every act of creation is first an act of destruction. Users will be able to delete their profile that they have created.

## User Interface:

### Login Page



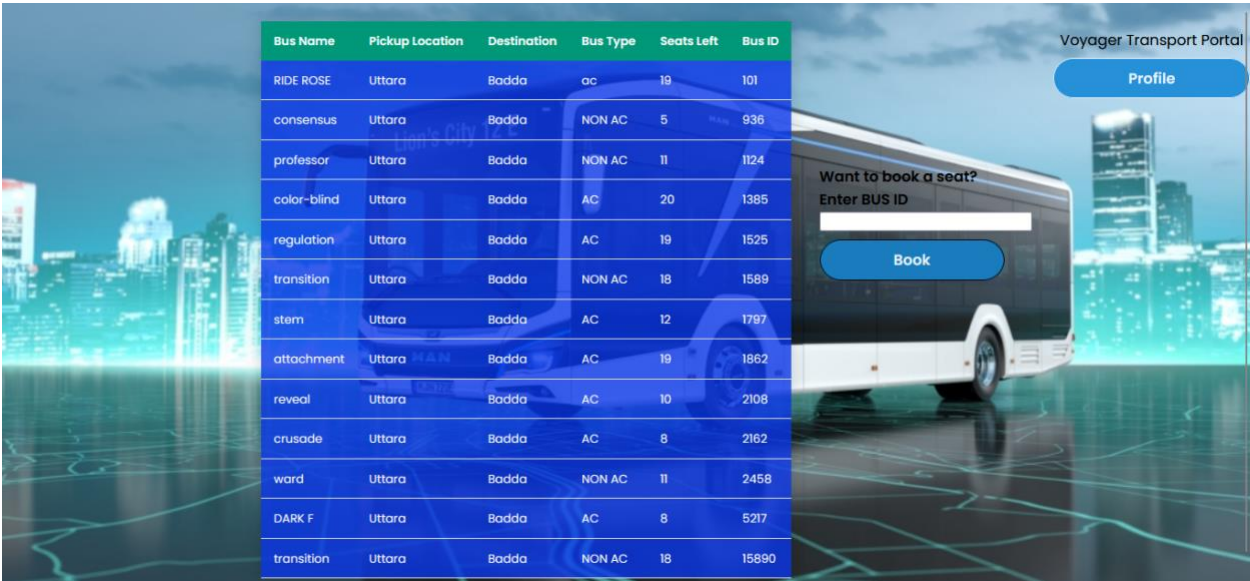
### Registration Page:



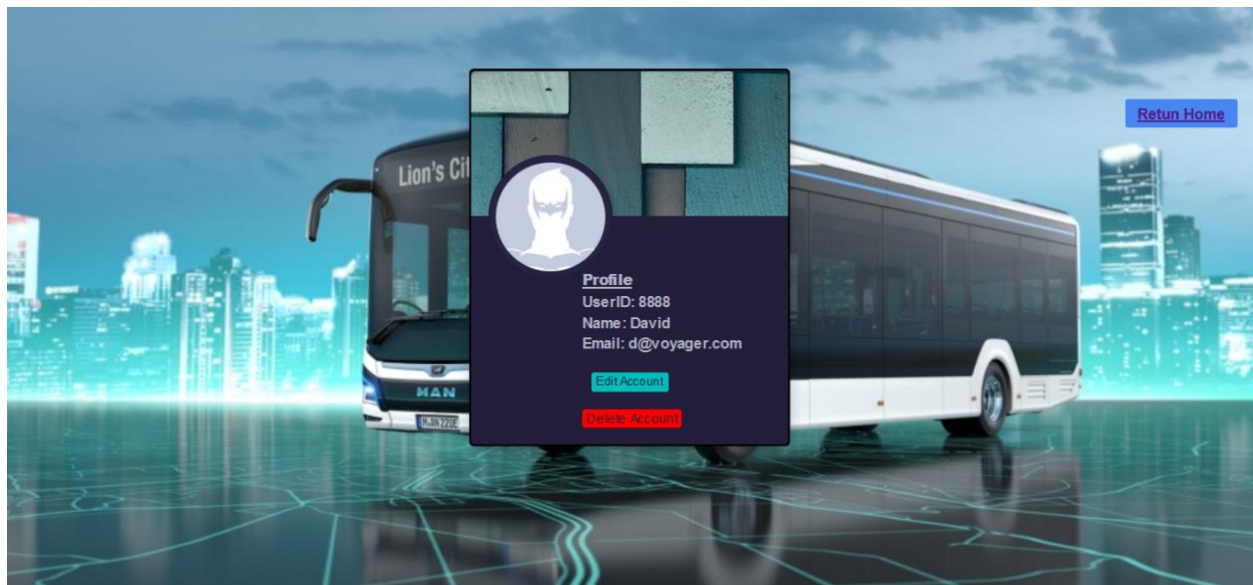
Search Page:



Display Page:



## Profile Page:



## Requirements:

### Software Requirements:

- An Operating system
- Web browser
- SQL Server
- XAMPP
- Visual Studio Code

### Hardware Requirements:

The program will run on any hardware as long as it has the required software.

## **Project Contributions:**

### **Individual Contribution Breakdown:**

#### **Asif Rahman**

- 50% HTML
- 70% CSS
- 20% Database
- 100% PHP

Project planning, UI design, Frontend development, backend development, database creation and management, documentation, Q/A testing, ER diagram

#### **M M Shovon Hossain Junak**

- 50% HTML
- 30% CSS
- 80% Database

Project planning, Frontend programming, Database creating and managing, ER diagram

#### **Md. Nafiz Al Mahmud:**

Project planning, motivation