



CSE311L Database Management System

Section 9

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North South University

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Project Title : Uber Insider

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Introduction :

We have made a web application for the administrator panel ,drivers and customers of Uber. It is a user friendly webpage which will help the all the users to view and monitor their data more effieciently in a quick and easy way.

Administrator panel is in control of everything , Admin can login or register and add,edit or delete information according to the company's necessity. Driver who is registered in database can login with his id and password and view how much he has earned and how much he has to pay to the Uber authority. We also have an option that is used by a customer to file report against the ride he/she has chosen by mentioning the drivers Id or license plate . This webpage contains details of each car,car owner and driver.

Technology stacks :

1. MySQL and XAMPP : we have made “uber_insider” database and the tables in the database using MySQL
2. HTML : The frontend of the webpage is structured using HTML.
3. CSS: Styling elements have been added to the homepage using CSS.
4. PHP: We have used PHP in the backend so that our webpage connects with the database and functions smoothly.

Front-End Details : Entering the website, first we'll land into the login page which have 3 panels

1. Employee Login : If we login as employee (which refers to the admin panel) we'll get to the home page. Home page shows us the total number of drivers, Total earning of the month and Uber revenue of the month. This statistical information is dynamic. It will update automatically as we add more data. On the upper middle we see 4 options Driver List, Owner List, Car List and logout . If we click on the Driver List it'll show us all the driver's details that are registered in the database. Admin can add new drivers or edit driver details or delete drivers from the database using the

interface. Driver must have a owner registered in the database for which we added owner id on the top of the driver registration form. We added a dropdown menu so we don't have to remember their name manually anymore. If the owner is not registered we added a add owner button in the right corner which would take us to the owner registration form. Owner List has all the details about the owner and a edit or delete button on each row to update or drop the information. This page has a add button which takes us to the owner registration page to add owners to the database. Car List has details about the car ,its license Number and Car color.

2. Driver Login : Drivers who are already registered can login using the id provided and their phone number as their password. Drivers can not register on their own , an admin must add them into the database.
3. Complaint Box : Customer can insert phone no of the driver or Car No to file a complaint. A notification will go to the admin with the exact time the customer has filed the complain.

Most Importantly our Login System is session handled and each page is session handled.

Back-End Details :

We used aggregate functions to determine Uber contribution from driver salary. We also provided server-side algorithms of user-facing web application elements. We used PHP to create logic which helped our web applications functions correctly. For example : Driver registration process, owner registration process etc.

Benefits : Company can efficiently monitor their worker . The Company gets an insight on how much they are earning and their profits. Customer feedback helps them to take action against the driver and helps to improve the system.

ER Diagram : (Shown in the next page)

