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PROJECT REPORT

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SOFTWARE CONSTRUCTION

PROJECT REPORT

TOPIC

(TRANSPORT MANAGEMENT SYSTEM**)**

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Project Abstract:

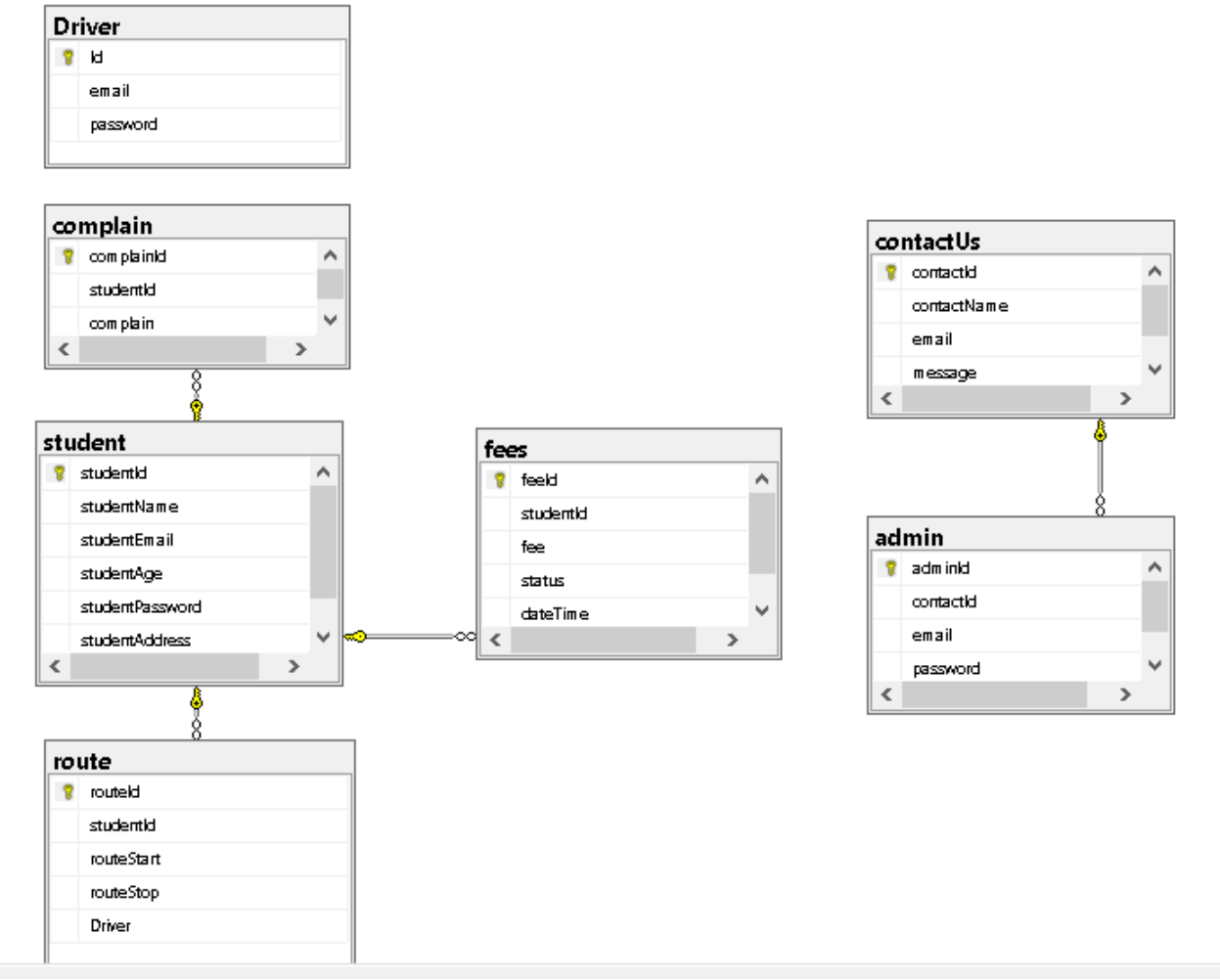
It is Transport management system used for the transporters who want to manage the transport system and its transaction process. the transport management System is an web based transport application that contain information related to transport services and provide single point of access to students and admin(transporter) .

Technology Used:

This project is based on core web technology SERN (SQL Server, Express JS, React and Node JS). Here front-end designs and functionalities are based on BOOTSTRAP v5 and REACT. On backend we have used SQL SERVER for storage purposes and NODEJS is used for building backend of Application. Express JS is used for creating APIs for server.

Project Description:

This project has been divided mainly into two parts. First one is landing pages (Home, about us Routes and Contact us) providing enough knowledge to clients. Viewers can also view updated routes on website and ask their quries by filling contact form. Second which provides different solutions to our existing customers. We have created different portals (Admin, Student and Driver) for that which enable users to work smart. Here we have break communication gap between admin and student. Fees records now easy for admin and student both.



Functionality:

First of all a login page appears for the new students to register their self otherwise they login to the page and for the admin they only login into the page because their data is already saved in the database SQL. After that their respective LMS are open for both admin/students where students can monitor activity of fee schedule and check van routes schedule arrival and sent complaints to the admin if any occurs. On the other hand admin can change the routing schedule and he perform CRUD operations on the database and view complains of the students.

Conclusion:

As Transport Web Application will be covering all basic processes that will resolve the issues that are being faced by management. This Transport Web Application will move around Admin, Driver and students along containing

information related to business. It would helpful to reach your services info to your clients with the management of records of business operations.

Our goal is to make a client satisfied system by full filling the client requirements and improving the current manual system with client needs.

Project Distribution:

Name	Functionality
Abdul Quddos	SQL Database and API'S.
Syed Abdullah	Frontend
Mustufa	Backend
Farhan	