

Vehicle Rental System

Abstract

The aim of the project is to design and create a data management system for a vehicle rental company. The application will help out the admin to rent out vehicles to customers, store customer details, store customer driving licence's photograph, return dates of rented out vehicles, tracking of vehicles available to rent out, track the issue date and expiry date of the vehicles insurance policy.

The system will printout the amount/rental fees to be collected upon return of the vehicle by the customer. If the vehicle is delayed to be returned by customer on or before the designated return date, a specified amount will be imposed as fine by the system. The application can be implemented with a data recovery feature (DR) , which will take the back-up of all the tables of our system automatically at the end of day or by manual intervention from the application admin.

This application will be a standalone desktop application based on Java Jframe/Swift/AWT technology for frontend and open source database MySQL will be used for backend database.