

Project Proposal for a Car Rental Database

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The car rental industry is a major industry when it comes to transportation and tourism, therefore efficient and well-designed databases are a must for a car rental company to be successful. The database will consist of data about vehicles, agreements regarding services, customers, employees, and finances. The database will store details about vehicles and how they are compatible with the customer's wishes and needs. Details of contracts with users such as basic contact information and time period the user is allowed to have the vehicle in possession will be stored in the database as well as in paper format. Outside-contracts imply agreements with insurance companies and mechanics, meaning services for maintaining vehicles and marketing strategies. Typical data about employees will be entered into the database (i.e. contract with the firm, salary). The finances table will be connected with the employee, user-contract, and outside-contract databases. Necessary data access and duty segregation will be implemented, meaning front-facing (client facing) employees will have access only to contracts they helped to sign and data about vehicles, while the manager will be able to see all of the data. This design is not final; it is subject to changes and optimisation solutions that we face during the project.