Ahsanullah University of Science and Technology (AUST)
Department of Computer Science and Engineering

Project Proposal

Course No.: CSE4126

Course Title: Distributed Database Systems Lab

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Go Car Rentals

Introduction:

User can choose car his/her preference based on location. Server will be deal with one small type of car with less sit and site will deal with big cars. Users will be informed about the total price. User can choose car based on location. Both pc can calculate price by distance and given destination.

Database Schema:

Global Schema:

      car (carNo, carName, totalCAr, carType, totalSit)

      location (location1, location2, distance)

      order (orderNo, customerName, carNo, time, totalCar, availvale, date)

      price (slNo, time, distance, totalPrice)

Fragmentation Schema:

      car1 = $SL_{carNo, carName, carType=small,}$car

      car2 = $SL_{carNo, carName, carType=big,}$ car

      price1 = SLslNo, carType=small, time, distance, totalPrice)

      price2 = SLslNo, carType=big, time, distance, totalPrice)

Allocation Schema:

      car1, price1@site

      car2, price2@server

Why Distributed Database:

Distributed database will allow us to use multiple pc to solve the problem and give the output. One pc can take input and other one can process the input to find output.