

Database Project Idea

City Bus Transport Database

Objective

The bus transport of any city is a very important part of it. But, a large part of it is unorganised and discreet. With our database, we plan to make the transport system more organised by creating an efficient database that provides access to all the necessary details regarding buses from the viewpoint of different types of users.

Description

A city bus transport system is the backbone of a healthy city. It provides the people with transport services at very affordable rates. It is also helpful in the employment of several staff, drivers and conductors. Being such a complex system, it is necessary to keep a database so that the system can run smoothly without waiting for a long time to get the desired details.

This system has different sets of data which can be organised in a very efficient manner. Buses have different drivers and conductors, their timings and routes. Each bus stop has different buses arriving and departing at different times. Each employee has his different personal details. These are some of the ways in which our database can be constructed.

According to our idea, the queries can come from a variety of different situations, like a bus corporation can know the number of buses currently running, its driver and conductor details, etc. Similarly, a passenger from a bus stop can know the next bus arriving at that stop, its destination, etc. A person can also plan beforehand regarding his bus schedule by enquiring the different buses running between two stops, their timings, etc.

From the above details, it is clear that the scope of this database is very huge, and with proper implementation, can make the system a very reliable source of information.

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