

Taxi Management System

Project Based Learning

Third Year B. Tech

in

Computer Science and Engineering



Department of Computer Science and Engineering

KIT's College of Engineering (Autonomous), Kolhapur

Semester-V, Year 2021-22

Synopsis

1. Title:

Taxi Management System

2. Team:

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3. Problem Statement:

The problem statement of Taxi Management System project is to develop an online process of Taxi Booking Service.

4. Objective:

The objective of Taxi Management System is to automate vehicle rental and reservation. So, customers do not need to call & spend unnecessary time in order to reserve preferred vehicle. They can go online and reserve any preferred kind of Taxi they want, which is available at that time. They can go online and reserve any kind of vehicle they want and that is available. The users will be provided with a provision login of the systems so they can check the status of their journey. The taxi driver will be provided with a provision login of the systems so they can check reservation, update their availability status, and also, they can see their daily, monthly, yearly fair earning.

5. Introduction:

In today's era, everyone wants convenience and comfort in daily life activities but everywhere it is not possible. Travelling is also a major part of day-to-day activities and in same case also, people want same comfort assistance in whole journey. Taking this statement, we came to the solution that will provide the comfort as well as secure journey provided. Taxi Management System is a web application which lets you book Taxi's for the intercity and intra-city travel purpose using your login credentials and provides you the best service that will make your journey more luxurious. The objective of Taxi Management System is to automate vehicle rental and reservation. So, customers do not need to call & spend unnecessary time in order to reserve preferred vehicle. They can go online and reserve any preferred kind of Taxi they want, which is available at that time.

6. E-R Diagram:

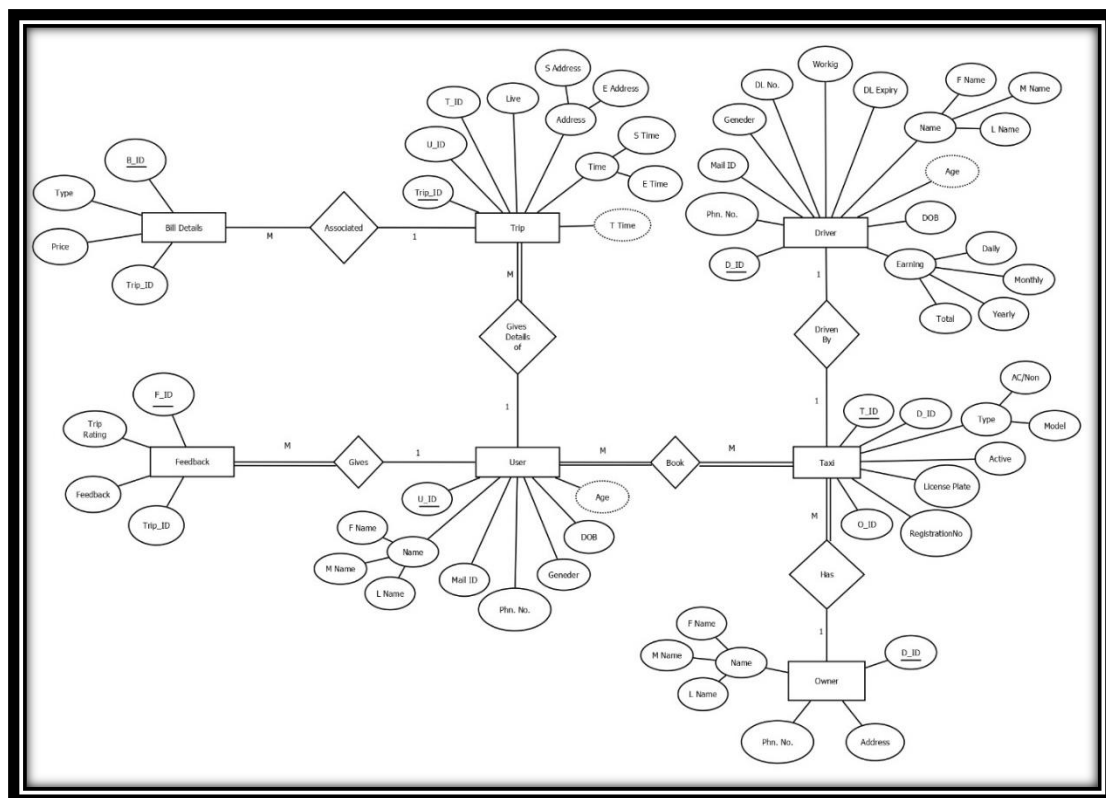


Fig 01 ER Model of Taxi Management System

7. Schema Diagram:

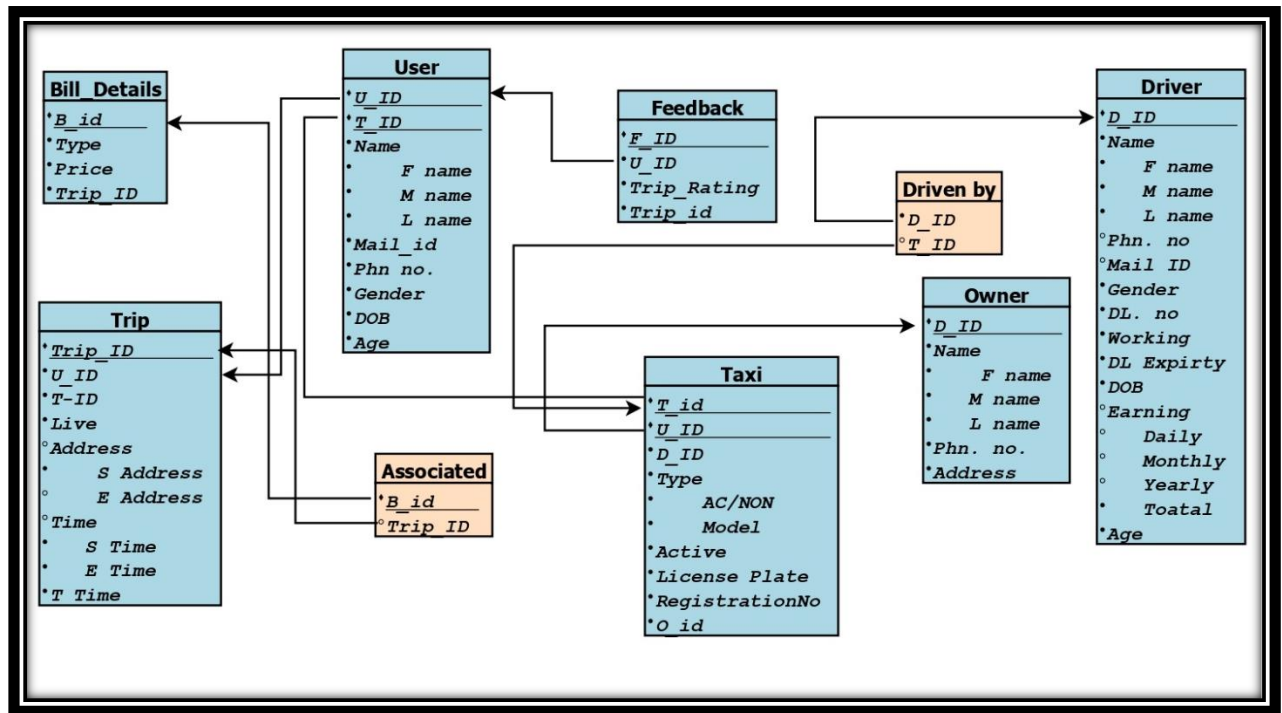


Fig 02 Schema Diagram of Taxi Management System

8. Plan of Work:

Sr. No.	Database Implementation Procedure	Timeline
1	Requirement analysis	1 st Week
2	Design Database	2 nd Week
3	Synopsis Preparation	4 th Week
4	Back-end Implementation	6 th Week
5	Front end Implementation	8 th Week
6	Poster	10 th Week