DBSL Mini Project

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Problem Definition

To build a software of hotel management system that will help hotel owners to room availability easily.
Book a room, add details of guests and maintain a record of everything.

Purpose

The purpose is to provide design details of the Hotel Management software to allow hotel owners and system developers to have documents of reference.

Scope

The product is a software, used to manage daily room booking which includes

- Showing available & occupied rooms
- Status of employees & rooms
- Login system

Objectives

User friendly

One of our objectives is to provide a user-friendly system for hotel owners to manage rooms & guest information in a single software

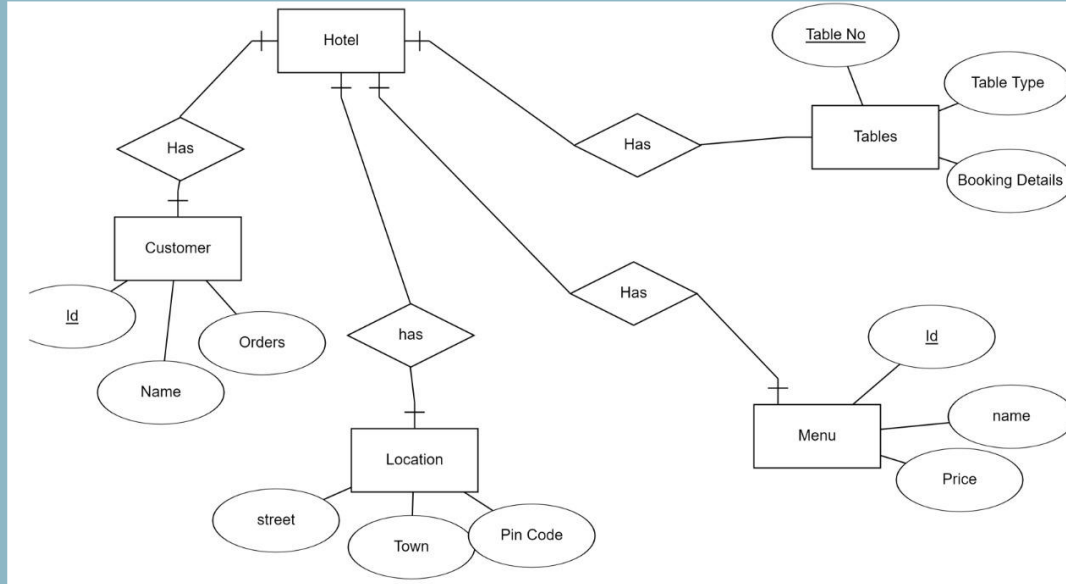## Replacing traditional methods

Along with this, our software also aims to replace traditional methods of maintaining registers with information

Motivation

- Hotel owners face a lot of issues for maintaining information of available rooms along with guest details.

- Traditional methods, many a times, prove to be inefficient.

- There's a need to improve the system & increase productivity

Project

Schema

01 Employee

- name varchar(30),
- age varchar(10),
- gender varchar(15),
- job varchar(30),
- salary varchar(20),
- phone varchar(15),
- aadhar varchar(15),
- email varchar(50)

02 Room

- room_number varchar(10),
- availability varchar(20),
- status varchar(20),
- price varchar(20),
- bed_type varchar(20)

Schema

Driver

03

- name varchar(100),
- age varchar(10),
- gender varchar(20),
- company varchar(20),
- brand varchar(20),
- location varchar(40)

Customer

04

- id varchar(100),
- number varchar(20),
- name varchar(100),
- gender varchar(50),
- country varchar(50),
- room varchar(10),
- status varchar(30),
- deposite varchar(20)

Tech Stack

Java with MySQL

Thanks for your time!

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