

## Assignment 1: - Abstraction

### Assignment 1

1) Vehicle:  
Engine number, Chassis Number, Fuel Type, Mileage, Owner name, insurance details, service history, reg no, color, seating capacity, PUC.

Traffic police:

Reg no, owner name, insurance details, PUC.

Servicing center:

Chassis No, Mileage, service history, fuel type.

### Resellers

2) Person:

Name, age, gender, dob, hobbies, skills, criminal record.

Educational Department:

Name, age, gender, dob, hobbies, skills.

Police Department

Name, age, gender, dob, criminal record.

3) Bank Account:

Acc number, Balance, Pin, transaction history, loan details, Adhar number, nominee details.

ATM machine:

Acc number, Balance Pin.

Bank Portal:

Acc number loan details, transaction history, nominee.

4) Online Application

Username, phone no, address, food shop, ~~shopping items~~, <sup>watch movies</sup>

Food Delivery Application

Username, phone no, address, food items.

Movie Application

username, phone no, movies & series.

5) Employee:

Name, emp id, salary, bank details, rating, leave history, tax details, departments.

HR system:

Name, Department, rating, leave history

Payroll system:

salary, bank details, tax details.

6) Doctor:

Name, specialization, qualification, salary, contact number, schedule, patient history.

Patient Appointment System

Name, specialization, available time slots.

HR system

Name, qualification, salary.

7) Teacher:

Name, qualification, salary, contact number, experience.

Stud class:

Name, qualification, contact no, experience.

HR Admin:

Name, qualification, salary, contact no.

### 8) Library Book.

Title, Author, ISBN, publisher, Edition, Price, shelf no, user  
borrow history

User:

Title, Author, availability status.

Admin:

ISBN, shelf no, borrow history.

### 9) Flight reservation

Flight:

- Flight no, pilot details, crew list, fuel status, passenger list, ticket prices, route.

Booking system

- Flight no, route, ticket price.

Air ACs:

- Flight no, pilot, crew, fuel status.

### 10) Restaurant order

order id, cust name, phone no, items ordered, cooking instruction, payment status, address.

Kitchen display

- Items ordered, cooking instruction.

Delivery app:

- customer name, addr, phone number