



SOFTWARE ENGINEERING (22413)

MICROPROJECT PRESENTATION

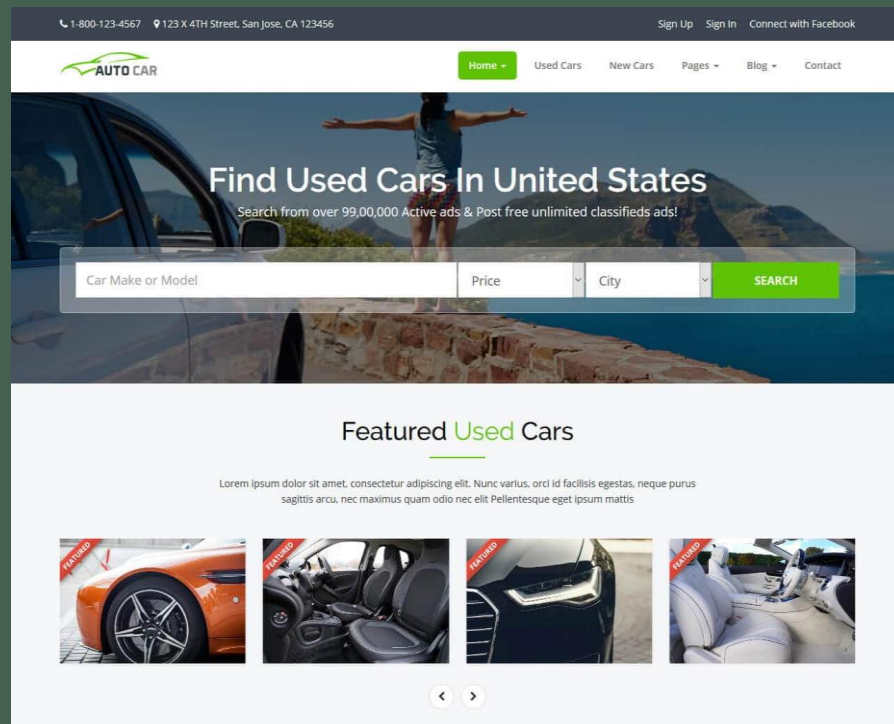


PROJECT NAME: “CAR SHOWROOM DEALERSHIP”

SUBMITTED BY-
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Academic Year – 2022-2023

RATIONALE:



In this micro-project, we will create SRS on Car Showroom Dealership. This document is meant to delineate the features of Car Showroom Dealership. The aim of this document is to gather and analyse and give an in-depth insight of the complete Car Showroom Dealership by defining problem statement in detail. The project aims to develop SRS application to improve service to the customer and merchant which intern increase the sales and profit in "Car Showroom Dealership". The detailed requirements of the Car Showroom Dealership are provided in this document. Also learn various diagrams diagram like Class Diagram, DFD Diagram, Use Case Diagram, E-R Diagram etc.

AIM AND BENEFITS:

- 1) To study how to prepare SRS of the project.
- 2) To study various diagrams diagram like Class Diagram, DFD Diagram, Use Case Diagram, E-R Diagram etc.
- 3) To study, different aspects of the given project.

LITERATURE REVIEW:

- ❖ 1) we Referred Book "SOFTWARE ENGINEERING: PRINCIPLES AND PRACTICES" by Jain and Deepak
- ❖ 2) We Referred Following Link:
<https://www.scribd.com/document/436548026/Carshowroommanagement-system-synopsis-in-VB-6-0>
- ❖ 3) Also We Use Draw.io Website To Draw Diagrams :
[Flowchart Maker & Online Diagram Software \(draw.io\)](https://draw.io)

PROBLEM STATEMENT :

- If someone has to buy a car or even interested in buying any car, then the person has to go to the showroom. Not only once, but every time, whenever he/she is looking for some fact, the only option left is to go to the showroom. This is very time consuming and very hectic as well. Sometimes, the buyer even lost interest because of this practice. The proposed Car showroom management system is very effective.
- If someone is interested in buying any car, then he/she can check all the information related to the car in the given portal. He/she can even book the test drive within the system. The proposed system also helps the buyer to check which cars and companies are good for them, by showing them the past reviews about the car/companies. The proposed system is so helpful and effective.

Requirement Analysis:

Functional requirements specify the expected behavior of the system. It describes which output must be produced for a given input. In a nutshell, it specifies the relationship between the input and the output of the system.

1) Requirement gathering and analysis:

First all the requirements regarding the software are gathered from the customer and then the gathered requirements are analysed. The goal of the analysis part is to remove incompleteness.

2) Requirement specification:

These analysed requirements are documented in a software requirement specification (SRS) document. SRS document serves as a contract between the development team and customers. Any future dispute between the customers and the developers can be settled by examining the SRS document.

PURPOSE:

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to consumers. The main purpose of this Car showroom is to develop a web based interface for Car showroom companies. The main purpose of this Car Showroom Dealership is that it provides provision to customers to buy or book Cars through online (Using Car Showroom Dealership Website). The current system is offline system, in this to purchase Car the customer should visit to showroom. So this current system is very difficult because its time consuming. So our project aims at creating an web application which tracks Customer records, Online booking. Online Car records, etc and it provides easy to use web based interface for customers where customers can search for vehicles, view a complete details, models, features, pricing of the Cars and book the Cars.

SCOPE:

The name of the project is "CAR SHOWROOM DEALERSHIP". The main scope of this web application is that depicts online Car showroom and booking Cars through online. Customer can register to this site and he/she can book cars by entering his/her login information. Administrator is main user of this system and he/she can add employees, and new Cars details

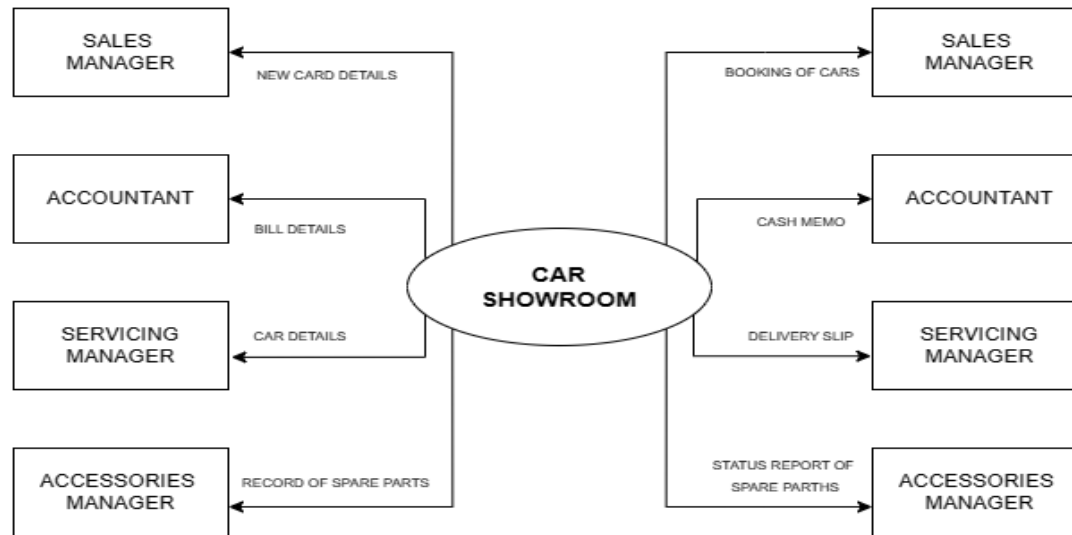
ADVANTAGES:

1. It's free!
2. Easy to set up in a few steps
3. Recognized by many organizations
4. Comes with Google's security

Diagrams:

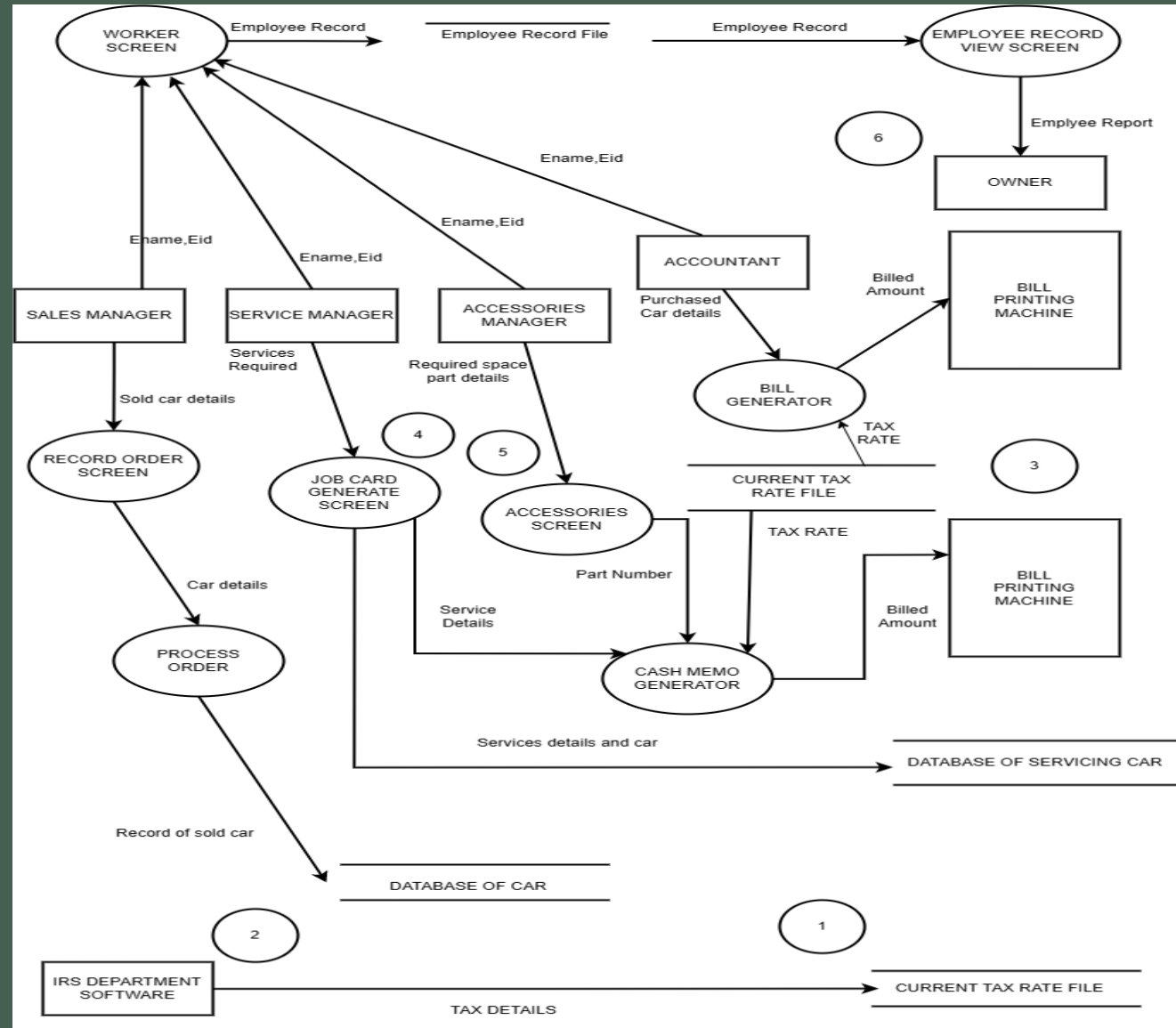
DATA FLOW DIAGRAM:

A data flow diagram (DFD) is a graphical or visual representation using a standardized set of symbols and notations to describe a business's operations through data movement.



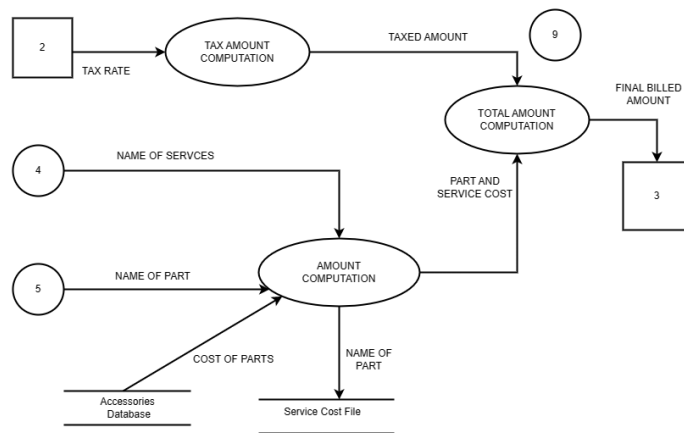
DFD LEVEL 0

DFD LEVEL 1



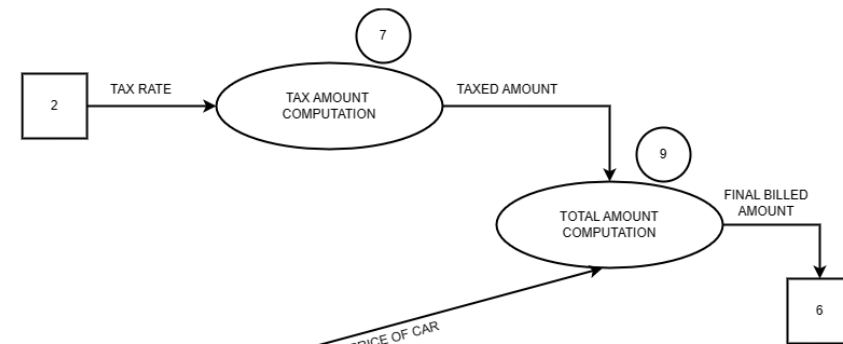
DFD LEVEL 2:

Cash Memo Generator



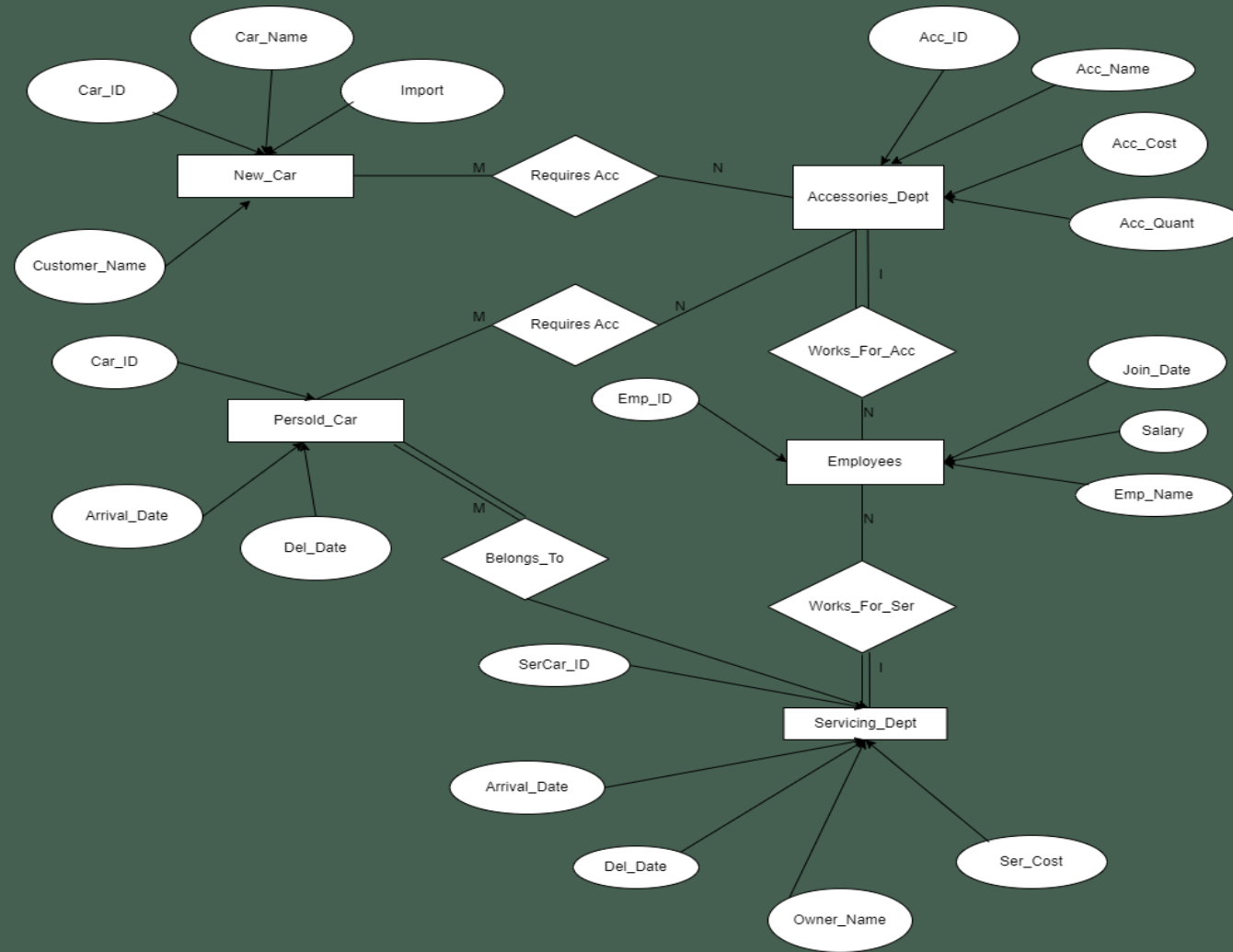
DFD LEVEL 2

Bill Generator

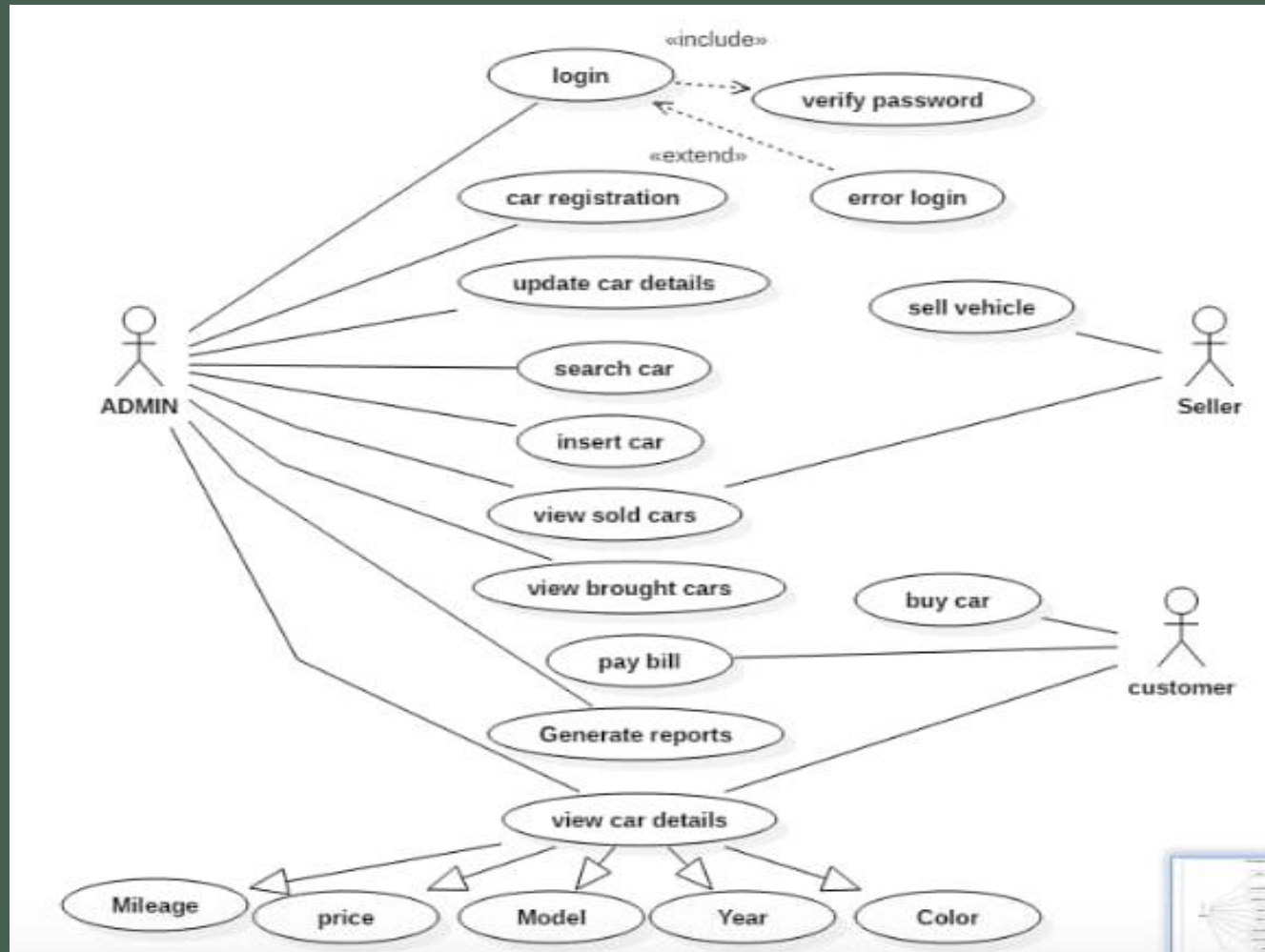


DFD LEVEL-2

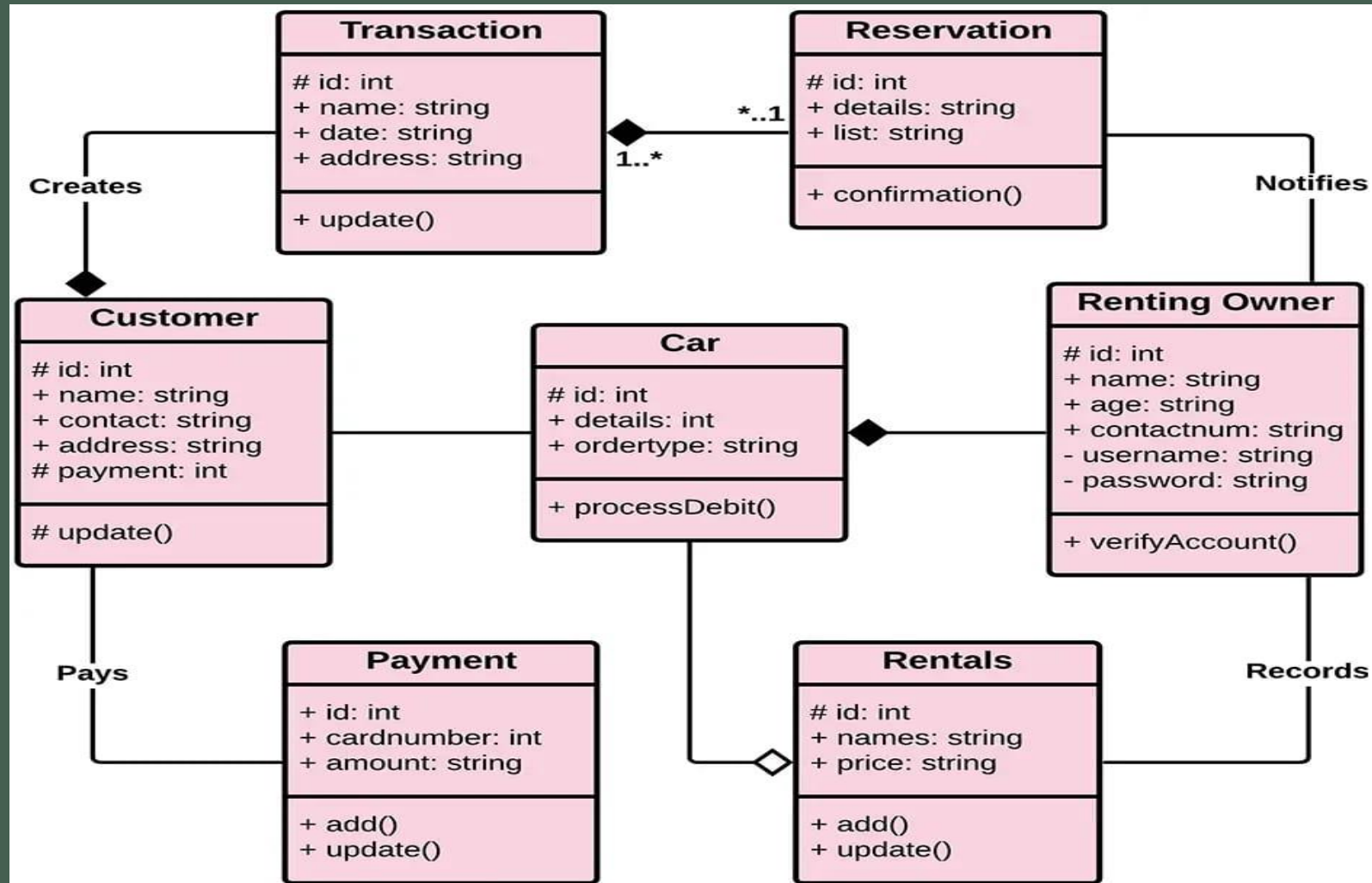
2) E-R Diagram



3) Use-case Diagram-



4) Class Diagram-



Skill Developed:

- 1) We learned to prepare SRS of Software product.
- 2) We acquired knowledge to draw UML diagrams of given topic.
- 3) We understood to finalize a requirements regarding to our Software product.
- 4) To work with team with proper unity.
- 5) To increase our thinking and reach at the depth of the concept.

Conclusion:

After Completing this project we are able to understand concept of SRS as well as various Diagrams.



THANKYOU!!