https://github.com/ShaikhaShehhi/Assigment-1-ICS-220

https://course-resources.minervaproject.com/uploaded_files/production/00282179-0575/requirements-analysis-and-use-case-diagrams.pdf

https://course-resources.minervaproject.com/uploaded_files/production/00282894-6867/uml-class-diagrams-class-implementatin.pdf

Actors :

- Customer
- Receptionist
- System

3. Identify the use cases for the software. Draw the **UML use-case diagram **and include supporting use-case descriptions. At-least 3 scenarios must be identified.
    - Get receipt
    - Display services
    - Show customer information

4. Identify the objects and their respective classes. Draw the **UML class diagrams **and include supporting descriptions to explain the relationships. At-least 4 classes and respective relationships must be identified.

Use case diagram

- Get receipt (log in , ect)
- Display services
- Show customer information

UML class diagrams

- Customer (first name, last name, cell phone number, gender, DOB,)
- Person (first name , last name)
- Services (type, price, mechanic name , date of service, 1 more)
- Vehicle (model, type , color, id, year of the vehicle)
- Price (tax, total cost , discount, final amount, price of service)

5. For all the identified classes create **Python classes **with the constructor, attributes, and appropriate setter/getter methods. Each class must include at-least 5 attributes. Create objects of all the identified classes and use the object's functions to populate and display the details.

Summary of learnings