Daffodil International University

ASSIGNMENT ON

Sotware Engineering

Submitted to

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Submitted By

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1. system Scenario:

A scenario is a scene that illustrates some interackon with a proposed system. A scenario is a tool used during requirements analysis to describe a specific use of a proposed system Here is an example of system with a scenario: The pizza shop: Domino's Pizza is a most important pizza shop in UK and in the world serving one of the best quality pizzas while establishing and maintaining the health standards by using freshly made dough and other products. The plan was to make Domino's Pizza a well-known brand and to be the first choice for pizza lovers. Domino's Pizza aim is to produce different multiplicity of pizza and allow customers to customize their own choice of pizzas by offering them variety of toppings. While making their own selection of pizzas with a reasonable price and making important offers attracting in new customers. Domino's quickly became the premium pizza takeaway, serving locals and focusing on all categories of people (student, family, alone person etc).

An exciting menu of 14 different pizzas with an option of having four diverse range of dough. The main aim of Domino’s pizza is to make best quality pizzas and offer best value for the customer, so their values are summed up: “Sell more pizza, have more fun!”
Mission: The mission of Domino’s Pizza is to be the best pizza delivery company in the world. Domino’s offers the finest customer services. So, Domino’s pizza has a passion to serve delicious pizzas.

2. Functional Requirements based on the scenario

Functional requirements describe system behavior under specific conditions and include the product features and functions which web& app developers must add to the solution. Such requirements should be precise both for the development team and stakeholders. The list of examples of functional requirements includes

1.The software automatically validates customers against the record like name/ ID, cellphone, address, and room number etc. Contact Management System.
2.The Sales system should allow users to record customers sales for further use getting the feedback of their product.
3. The receptionist generates bills for customers.beacase for this the manager or this relevant employee are attach with this.

4.Only Managerial level employees have the right to view revenue database reason we see That sometimes the menu will be change by getting the review from the customer.

Non-Functional Requirements based on the scenario: Nonfunctional Requirements (NFRs) define system attributes such as security, reliability, performance, maintainability, scalability, and usability. They serve as constraints or restrictions on the design of the system across the different backlogs non-functional requirement 1.Customer of this hotel must change the initially assigned login password immediately after the first successful login. Moreover, the initial should never be reused. 2. Customers can check out, pay bills,s and order food items before leaving the room. 3.House keeping clean the room by understanding the cuctomer. 4.Customer order the food by selecting their own wish and as well as getting the food vaya the room service.

3.From the above scenario (which I use pizza shop)

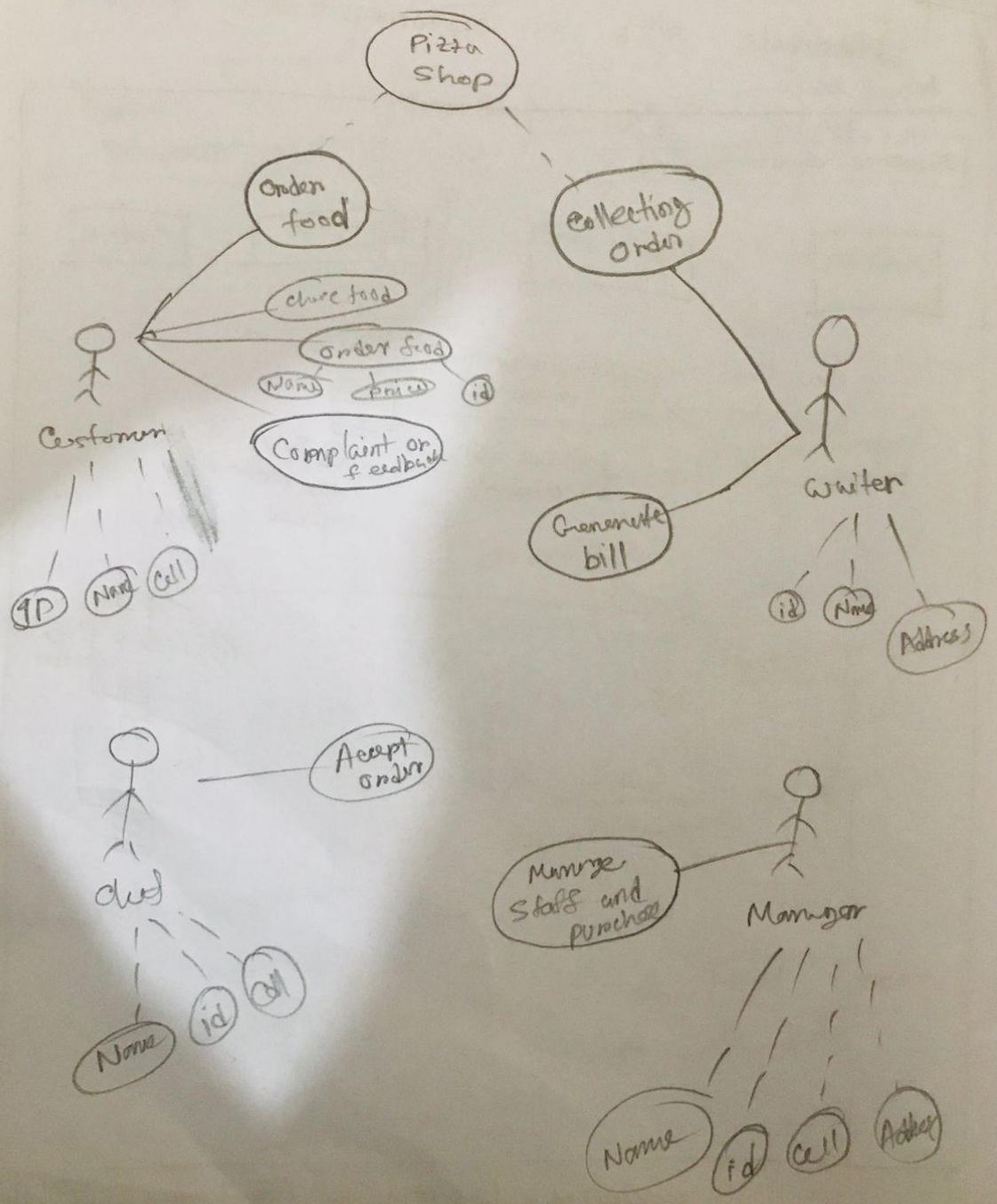
These requirement are writing down at the bellow:

1. Feasibility
2. Hardware and Software Requirements
3. Operational Feasibility Scree Shots of Domino Pizza Order Booking System
4. Business Requirements for getting the order.
5. Background for attracting the customer for the order
6. Business Opportunity and Customer / Market Needs
7. Business Objectives and Success Criteria
8. Using the some tracker for getting the location of their service man. For delivery the order
9. Using the proper menu at the order phase for the understanding the menu easily for the customer.

So far these is the requirement of my scenario which I write above at the question number 1.

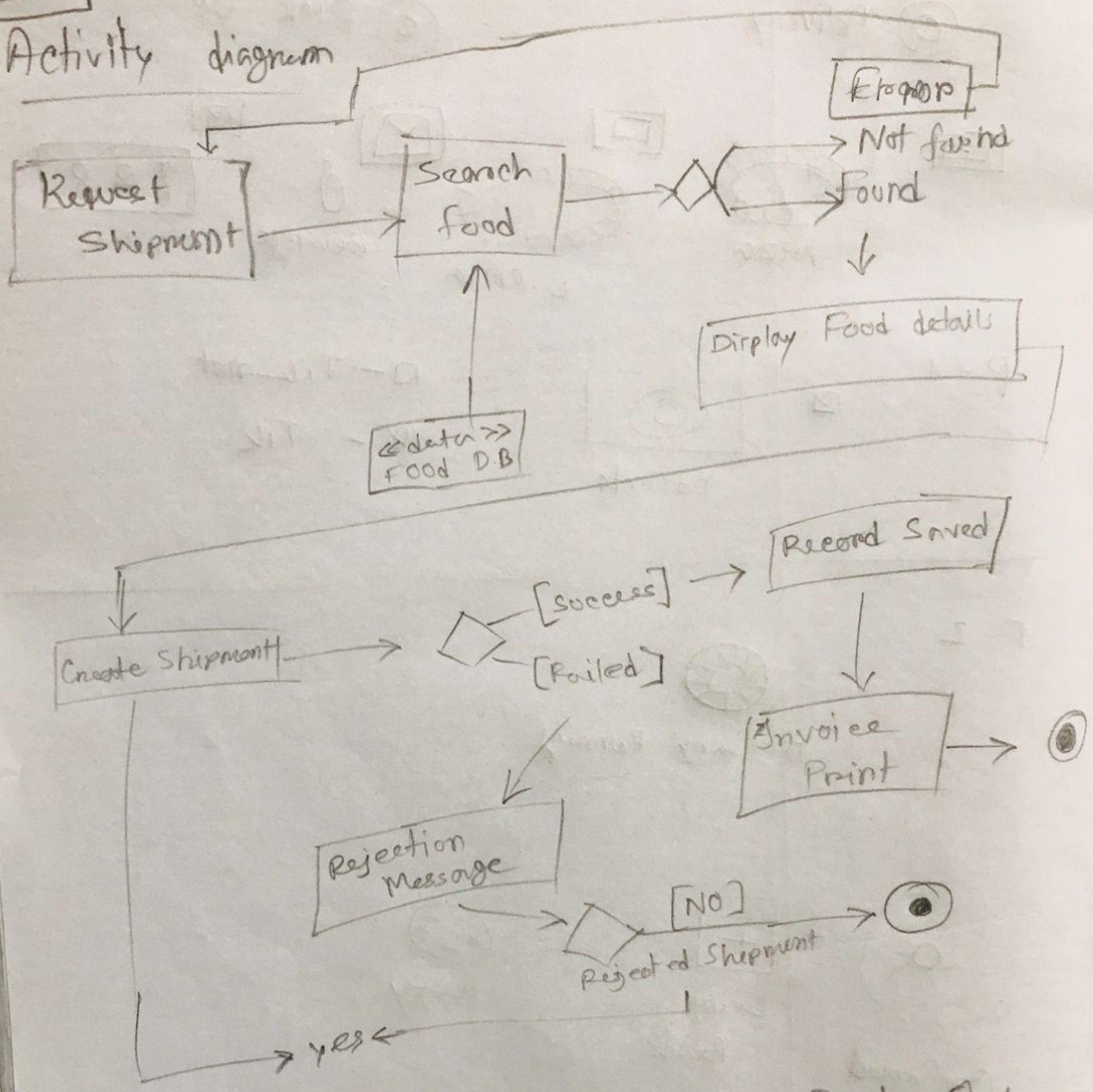
4.based on the above scenario I draw a scenario at the below!

Ans NO - 4


Pizza Shop
Order food
collecting order
choice food
order food
Name
Price
id
Complaint or feedback
Customer
ID
Name
Cell
Generate bill
Waiter
id
Name
Address
Accept order
Chef
Name
id
Cell
Manage staff and purchase
Manager
Name
id
Cell
Address

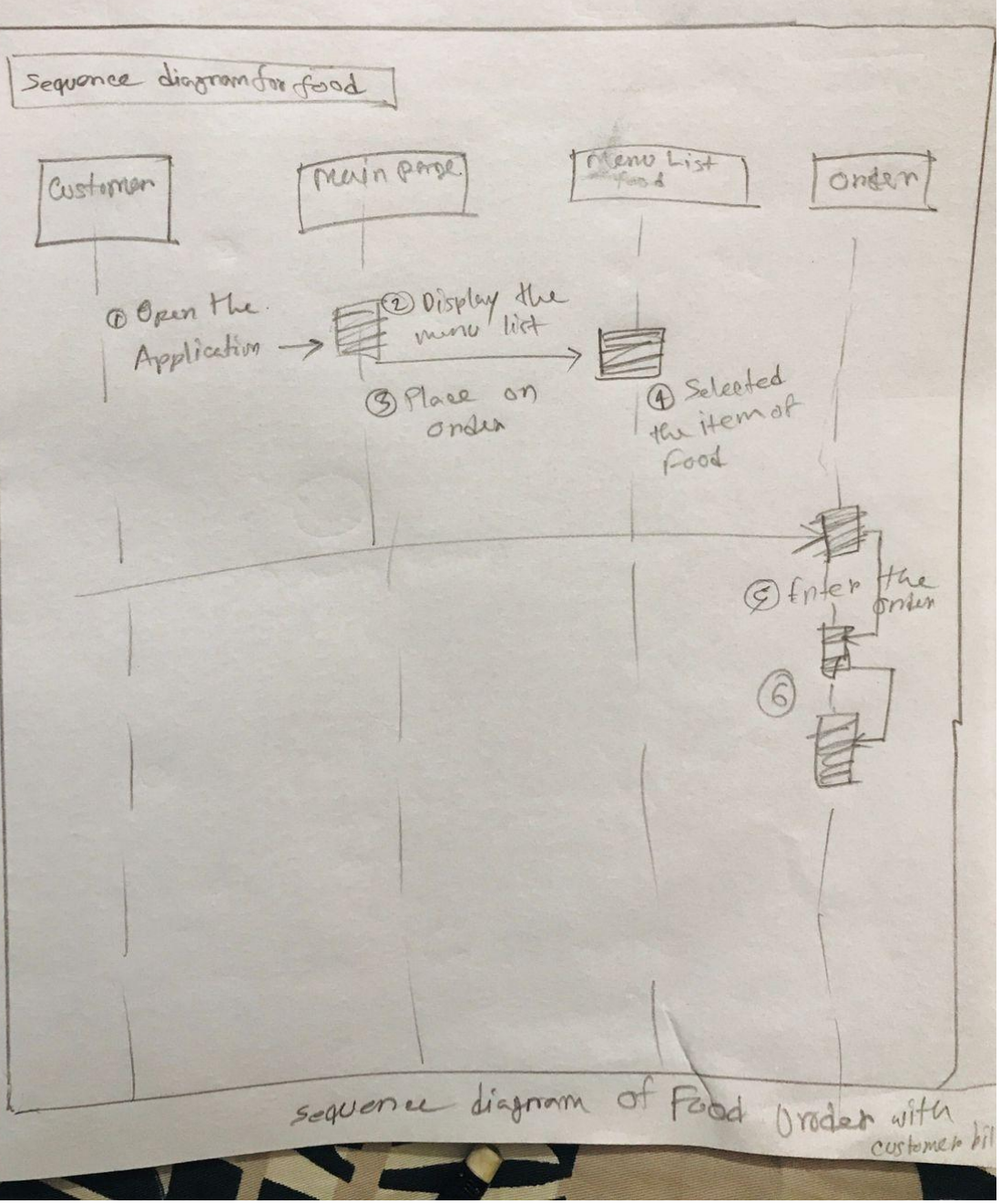
5.1

Activity diagram



⇒ Activity diagram of a Food Order For a customer with bills

5.2 "Sequence diagram" for ordering food and generate bills for customers.



sequence diagram of Food Order with customer bil