تقدمة الطالب:

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بإشراف المهندسة:

نهلة سعد الدين

1.0 Introduction:

1.1 Purpose:

The purpose of this file is to describe the system to be developed, and to show the tasks that are due to submit it, and this file also contains the expected period for the completion of this system to meet all customer needs, final delivery, and some necessary accessories to accomplish this project.

1.2 Scope of Project:

Health insurance companies are among the most important companies that have been needed at the present time and with The development the medical organization is witnessing in the world and the increased awareness of this topic and the interest of a segment A large part of the community with this big issue in relation to dealing with workers on the one hand and between doctors Pharmacies and hospitals, on the other hand, arose the need to develop the customer service department system in these areas The company is to relieve pressure on the company and its employees and reduce the complications it faces In this document, we present an accurate description of the system (.. the company during the various operations) registration – invoice For health insurance, where the company management asked the GlobeMed team the customer service department and in the company Our development developed this system to fully automate the work in it and abandon the style In the traditional field of work and reducing the burden placed on the employees in this company to serve it Clients and achieve communication between the company and its customers, so we directly contacted the director of the company And its employees to fully understand the details of the work, and the company's clients have been contacted from During questions and questionnaires, the basic points and requirements for the completion of this project are determined They will be shown in this document

1.3 Glossary:

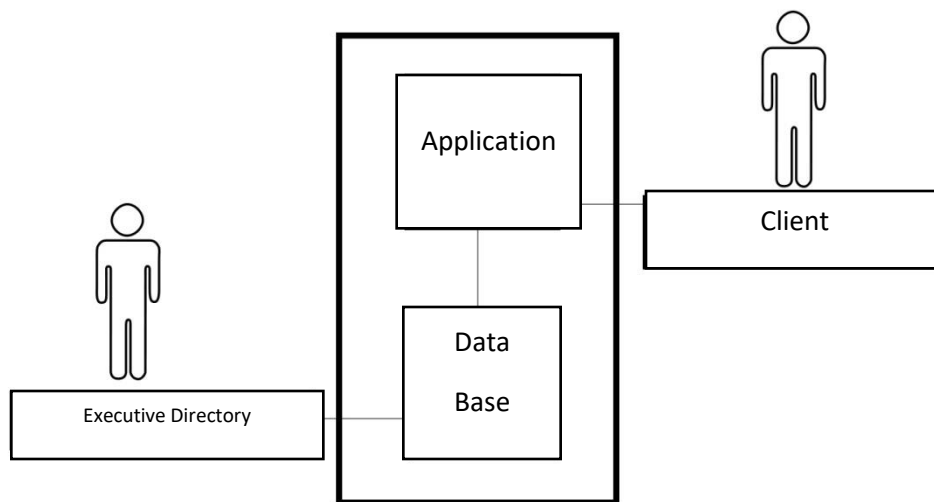| Term	Definition
Executive Directory of Company	The person manages the company
Employees	The persons who work for the company
Doctors contracted with the Company	
Pharmacist contracted with the Company	
Hospital employees contracted with the company	
Clients service department employees	The persons who are responsible of clients services
Customers of the company	

1.4 References:

IEEE. IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications.IEEE Computer Society, 1998.

1.5 Overview of Document:

The next chapter, the Overall Description section, of this document gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter. The third chapter, Requirements Specification section, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product. Both sections of the document describe the same software product in its entirety, but are intended for different audiences and thus use different language.
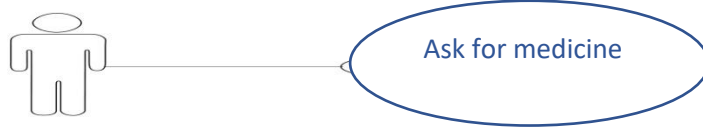
2.0 Overall Description

2.1 System Environment:

2.2 Functional Requirements Specification:

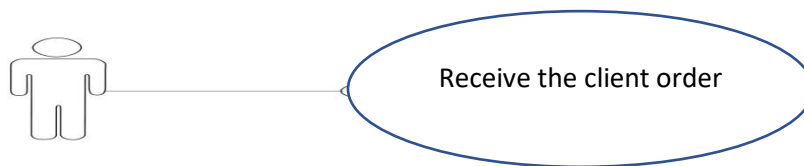this section outlines the use cases for each of the active customers separately.

2.2.1 Client Usecase

The Client asks for a medicine.

2.2.2 Executive Directory Usecase

Brief Description :

The ED receive the client orders such as creating an account or changing the account password

2.3 User Charateristics:

The client has to have a mobile phone and an internet connection.

The Executive Directory is expected to be able to deal with database.

2.4 Non-Functional Requirements:

Product requirements

Ease of use:

- 1 - The GUI should be easy Handled by all users

2- Training of employees to deal with this system

Efficiency:

3- The system must be quick to respond and process to deal with volume

Big data (time delay does not exceed 1 s)

Protection:

4- Using encryption systems to protect customer data such as (MD5) ....

5- Generate PIN codes randomly in the system

Merit:

7 - The system must be available 24 hours.

Organizational:

6- Using databases like mySQL To work on both android and ios systems.

8 - The system must be capable

9- The application is connected to the Internet permanently

10- The system must support GPS

Domain requirements:

10 - Unifying the general form of the company's documents and invoices and attaching them to a phrase

Syrian Arab Republic

"Ministry of Health"

Requirements specification

- External interface Requirements: **the only link is to connect to the database to verify the account of the person who wants to create an account , it is necessary to log in and verify the password and it returns a logical value whether it meets the conditions or not.**

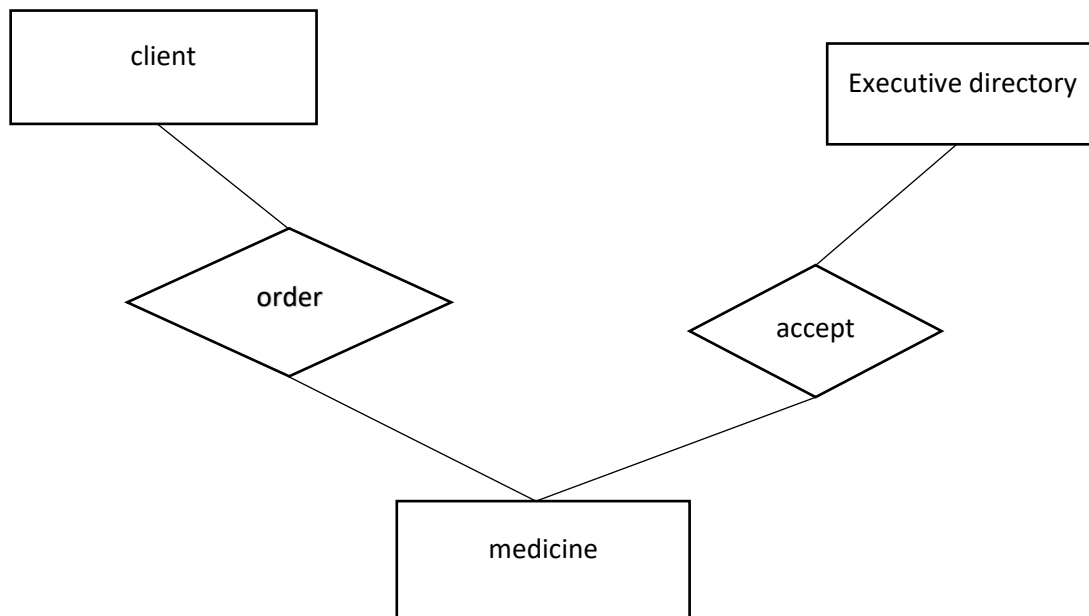<div align="center">Functional Requirements</div>

Use case name	*Client*
trigger	**Log in by the client.**
Precondition	**The client has an account.**
Basic path	**- Confirm the client account and password** **-Connecting to the database to see if the client has a previous login.**
Alternative path	**If the client does not have an account the client must create one.**

Use case name	**Executive Directory**

Trigger	Accept the client orders
Precondition	Being available
Basic path	-verify the client account and password. -accept orders from the client.
Alternative path	The client requests to save in order to log in .

3.0 Detailed Non-Functional Requirements

3.3.1 Logical Structure of Data

```
client                              Executive directory


        order                              accept


                    medicine
```

Executive Directory Data Entity

Data Item	Type	Description	Comment
Name	Text	Name	
Password	Text		

Medicine Data Entity

Data Item	Type	Description	Comment
Name	Text	Name of Product	
ID	Integer	Product Code	Used as key
The Manufacture Company	Text	Company name	

Client Data Entity

Data Item	Type	Description	Comment
Name	Text	Name of client	
Password	Text		
Address	Text		

3.3.2 Security

Every user has account protected by a strong password

There is a verify message.

Signature:

 By Mahmood Raya on 31/5/2021