Deliverables

[1] hardware requirement.

[2]design.

[3]machine operating system(OS)

Project milestones

[1] hardware requirement time : 6week:budget[10.000]

A scanner is manufactured that reads the prescription, and has a servo drug

dispensing.

It has a large space for storing medicines.

It also includes an inventory control system to keep track of inventory

Contains a central microprocessor Monitors all systems, programmer and

receiver for input from the user through the scanner, and operates and controls all components needed to dispense medication requested by the user.

[2]design : time : 8week:budget[50.000]

The design of the machines will be manufactured

from where:

-Design of the machine

-Design of the user interface

-Design of storage space

-Design of pill singulation system

[3]machine operating system(OS):time 8week:budget[40.000]

We will begin to manufacture the system, where the hardware will be combined with the design and write the code to run the system, use the algorithm, and use programmers and developers

**Project scope statement**

**\*The objectives of the project are:**

**\*The medicines used do not have adverse side effects on the client .**

**\*The cosmetics used do not need medical supervision, meaning that they are safe.**

**\*The used vending machines are available in more than one place (such as the mall) later on, so the customer does not have to go to a particular pharmacy to ask about cosmetics, for example.**

**\*And in the light of Corona, it will be safe because the process of buying and selling is between the customer and the machine only.**

**Assumptions**

**The system is expected to succeed and will be applied to private hospitals as well as pharmacies because it is characterized by speed, reliability and safety. It also facilitates the purchase process for the buyer and saves time as well.**

**Project exclusions**

**This project will be applied to private hospitals only, which will be equipped with a barcode feature to help the system read the prescription**

**Constraints**

**\*This project must be delivered within the specified budget .**

**\*this project must be delivered At the appointed time**

**\*The medicines used are naturally documented and do not have serious harm**