USN:1BM18CS117

**COFFEE VENDING MACHINE**

Purpose:

The purpose of this system is to automatically dispense coffee upon the consumer specification, without any human intervention.

Scope:

This system will be a cloud-based system that will cater to the needs of the coffee vending process. This system promises to make the process as minimal and straight forward as possible.

Functional Requirements:

* The machine has customers, manufacturers as its users. The customer can order any type of coffee by selecting it in the display screen and also inserting money.
* The shopkeeper can keep an overview of the machine and also collect the money at the end of the day. Can replenish ingredients inside the machine using the display screen.
* The manufacturer listens to the requirements of the shopkeeper and makes a coffee vending machine accordingly.
* The display provides all the required information to the customer for interaction like Quantity, type of coffee, cost and preparation time. Customers can select the appropriate.

Non-functional requirements:

* The system should be easy to handle.
* System should give expected results.
* The response time should be small.
* The database should be secure.