**Software Requirements Specification**

* Purpose

To automate the Coffee Vending System. We are attempting to improve our

existing system that runs manually.

* Scope

It is more efficient and convenient for the customers. It reduces the manpower

needed to perform the entire coffee vending tasks. Since all the work is done by

machine, there is less chance of error.

* Functional Requirements

i) Should provide an appropriate display for the customers to avail the purchase

ii) Should support the selection of buttons for different types of coffee

iii) It should have currency detector and money dispenser

* Non-Functional Requirements

i) The system should be easy to handle

ii) System should give expected performance result

iii) Response time should be less

Coffee Vending Machine Class Diagram describes the structure of a Coffee vending machine

classes, their attributes, operations and the relationships among objects. The coffee vending

machine consists of front panel, Cash box, dispenser and mixer. The Customer selects the

Product by pressing the selector buttons. The customer inserts the coins into coin collector. If

there is any change, then it will be dispensed through coin dispenser. The coffee will be

dispensed through product dispenser.