# Assignment 1

## Identify the Functional, Non- Functional, System and User Requirements of POS.

## User Class 1: The Customer

## Functional Requirement:

* Functional Requirement: 1.1

**ID:** FR1

**TITLE**: Retrieve name and price of good

**DESC**: A customer should be able to see the details of product or good.

**RAT**: Price and name of product available

**DEP**: None

* Functional Requirement: 1.2

**ID:** FR2

**TITLE**: Cashier Details

**DESC**: A customer should be able see that the Cashier name on receipt.

**RAT**: to get details about the receipt count

**DEP**: None

* Functional Requirement: 1.3

**ID:** FR3

**TITLE**: Complete Details about Tax’s

**DESC**: A customer should be able to see all the tax such as **GST**, **Duties** etc.

**RAT**: To made a trust able relationship between them

**DEP**: FR1, FR2

## Non- Functional Requirement

* Non-Functional Requirement: 2.1

**ID:** NF1

**TITLE**: System Security

**DESC**: The System should be Security, mistake free and wrong Scan of Barcode will not happen.

**RAT**: To save time and make customer Easy

**DEP**: None

* Non-Functional Requirement: 2.2.

**ID:** NF2

**TITLE**: Fast Scan and manual entire

**DESC**: The System Scan the product and Casher can enter manual

**DEP**: None

## System Requirements

* System Requirement 3.1.

**ID:** SR1

**TITLE**: Barcode Scanner

**DESC**: The System Scan the product through barcode.

**RAT**: To save time and make customer Easy

* **DEP**: None System Requirement 3.2.

**ID:** SR1

**TITLE**: A small Display Screen

**DESC**: The System should display the total of the customer

**RAT**: To made the Customer Easy about the total price.

**DEP**: None

## User Requirements

* User Requirements: 4.1.

**ID:** US1

**TITLE**: Check Product Availability

**DESC**: The System check the Product Availability and give the address (Shell no) of Product

**DEP**: None

## User Class 2: The Cashier

## Functional Requirement:

* Functional Requirement: 1.1

**ID:** FR1

**TITLE**: Product Units

**DESC**: A Cashier can add directly Product quantity after the scan.

**RAT**: If same Product Available.

**DEP**: None

* Functional Requirement: 1.2

**ID:** FR2

**TITLE**: Auto Calculate

**DESC**: A Cashier can only scan product and the system show the bill to the customer.

**DEP**: None

## Non- Functional Requirement

* Non-Functional Requirement: 2.1

**ID:** NF1

**TITLE**: Easy to use

**DESC**: Any Level of Person can used it

**RAT**: If the Cashier is change.

**DEP**: None

* Non-Functional Requirement: 2.2.

**ID:** NF2

**TITLE**: Accuracy.

**DESC**: All the Feature are perfect working.

**DEP**: None

## System Requirements

* System Requirement 3.1.

**ID:** SR1

**TITLE**: Card payment Machine

**DESC**: The System is also attach with card swap hand Machine.

**DEP**: None

## User Requirements

* User Requirements: 4.1.

**ID:** US1

**TITLE**: Can Edit product Prizes

**DESC**: The User can change the prize of the product.

**DEP**: None