



# Point Of Sale Application

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2KL19EC112 2KL19EC028 2KL19EC118 2KL19EC039

Date of Submission: 29<sup>th</sup> October 2021

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## ❖ ABSTRACT

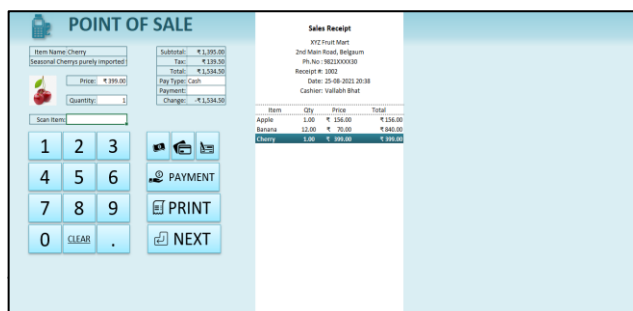
In the present-day scenario where every business start-up is being encouraged there exists a lot of scope for the real time, cost effective retail transaction record. Specifically, in an era where taxation on every product in the market is observed and is also collected with its sales. The invention & implementation of an application which can track & revolutionize the retail transaction with easy user interface and free with both initial and management cost is unfortunately still considered as a discovery. Considering all these we have come up with the concept of Point of sale (POS) or Point of purchase (POP) application.

## ❖ INTRODUCTION

Statistically the POS is a main stream application software which primarily deals with the retail transactions being carried out. Basically, it's a place where customer executes the payment for the goods or services and where sales taxes may become payable.

## ❖ FEATURES

At the point of sale, the merchant calculates the amount owed by the customer, indicates that amount, may prepare an invoice for the customer (which may be a cash register printout), and indicates the options for the customer to make payment.

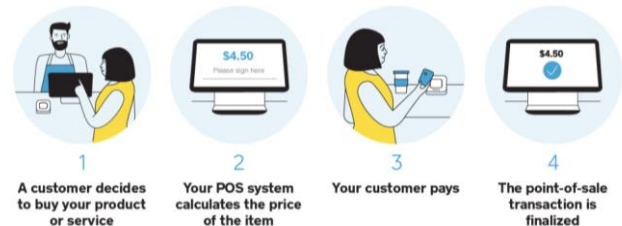


*Point of Sale Application*

In the market today there have been a lot of such service providers who provide POS solutions to the retailers along with UPI & Accounting flexibility with all their customer support norms. At this stage the question is at what price do they provide this facility? So, the answer is somewhere around the price range of INR 10000 per year, which is pretty expensive of course. For the same cause we came up with an attempt by optimising the MS Excel,

So that all these facilities could be delivered to every small or large retailer in the market absolutely free of cost.

## ❖ JUSTIFICATION



Defining the key features that make our project more efficient than the paid one's:

- Ready to use application absolutely free of cost without any initial or management charges.
- User friendly interface & easy edit feature which does not need any higher qualification.
- Efficient post sales management with dedicated sheet for the same purpose.
- Automatic tax generation with a direct approach to the concept of Digital India.
- Complete customer-merchant satisfaction with unbiased invoice (bill) that formalises clear demand for purchase and payment.
- Provides full proof support for transaction using cash, card and check for the customer, hence displaying all important credentials on the invoice.

## ❖ REQUIREMENTS

Though the application has been designed using MS Excel, the existence of hardcore processor & monitor is no more a requirement. Instead a normal Tab will work. The necessity of barcode scanner is also been taken care of by making it an optional commodity to make this application handy for small retailers. Finally, users with following link can access the entire application for free

<https://drive.google.com/drive/folders/13ydB4ax-qU-B9CRiS0Zpx6AtxzawnUkb?usp=sharing>

## ❖ PROJECT OUTCOMES

- To understand the Visual Basic programming and its real time applications.
- Learn to apply engineering knowledge for the betterment of society.