**JSS SMI UG AND PG STUDIES, DHARWAD**



**SYNOPSIS**

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**TITLE OF THE PROJECT**

“BOMBAY NOVELTY E-STORES”

**INTRODUCTION OF CLIENT**

“Bombay Novelty Stores” shop was established by Kalappa V Rokhade in 1954 which is situated at Subash road, opposite old bus stand Dharwad. Earlier he had two shops in which they use to sell varieties of stationary items in one shop and another shop had stainless steel utensils, wedding cards. Further they brought a scheme from Bombay by introducing “Mutual Benefit Scheme” for customers that set an era of rise to the public demand. At the initial he uses to sell flasks of Eagle Company, Aluminum products, VIP bags and Iron box. Further he combined his two shops and made a showcase on newly introduced items such as Prestige Cooker, Water filter, Mixer Grinders, Induction stove, Induction cooker etc which gained the growth of business, trust of the customer and maintained its dignity. Today the same dignity and business achievements is been continued by his three of his sons by selling varieties of kitchen and home appliances at reasonable rates and best discounts.

**INTRODUCTION**

The “online shopping system” has been developed to override the problems prevailing in the practicing manual system. This system is designed for the particular need of the client to carry out operations in a smooth and effective manner. Our project has challenges to overcome and managing the information of product, customer, shopping, payment, delivery, services. The purpose of online shopping system is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

**OBJECTIVE OF THE PROJECT**

* In the fast growing digital economy, internet plays a vital role in humans life and provides facility to the user who want to shop online due lack of time.
* Our website gives all information about E-shopping and better services for customer.
* Here the administrator can maintain and update products and provides best shopping facility to user which is very essence of our website.
* Thus the project provides a system of easy maintenance of data, selling and ordering of products through online which makes customer feel user-friendly.

**Existing System**

* The currently running system is manual.
* Calculations and maintenance of records takes lots of time.
* Customer and shopkeeper finds difficult to handle during rush hour.
* All transactions and cash flows are recorded manually on paper or register.
* Stock maintenance is done manually.

**Proposed System**

* The application provides a computerized data storage facility.
* This system is used to maintain the data about stock, purchase, transactions etc.
* This system provides better transactions use such as debit & credit cards.
* We can track our products easily in mobile.
* New system provides security against unauthorized access.
* Also provides better services to the customers.

**INPUT OF THE PROJECT**

* Administrator adds product information.
* Updating the stock.
* Providing customer details.
* Options for payment method like debit and credit.
* Provides supplier information to update our stock.
* Product services for the customers.

**OUTPUT OF THE PROJECT**

* Provides customer account details.
* It provides product details to the customers.
* Remaining products count and alert to the supplier for sending more products.
* Generates bills for customer.
* Delivery and tracking details to the customer.
* Provides invoice notifications through email.
* Exchange offers to the customers.

**PROCESS LOGIC**

INPUT OUTPUT

* Product details
* Account details
* Billing details
* Order details
* Delivery details
* Product information
* Customer information
* Stock information
* Order information
* Supplier information

**DATA FLOW DIAGRAM**

DFD: LEVEL 0

Stock update

Admin

Purchase details

Customer

Payment details

Delivery details

Supplier

DFD: LEVEL 1

Supplier

Admin

Admin supply order

Details details requirements

Product order product item payment

View details details details details

Product delivery

Details details

Customer

Details

Customer

DB

**TOOLS/PLATFROMS, LANGUAGES TO BE USED**

SOFTWARE REQUIREMENTS

* Platform :Web Application
* Operating system :Windows 7 and others
* Database :My SQL
* Front end :HTML, CSS, java script
* Language :Python
* Framework :Django
* Browser :Any of Chrome, Opera, Mozilla Firefox

Hardware Requirements:

* Processor :Intel Core i3
* Hard disk space :40GBmin
* RAM :2GBmin

**ARE YOU DOING THIS PROJECT OF ANY INDUSTRY/CLIENT? IF YES ACCEPTANCE OF THE PROJECT**

Yes we are doing this project for client.

**DURATION OF THE PROJECT**

* Two months

**MEMBERS OF THE PROJECT**

* Aishwarya A Rokhade BSc (CS) 6th sem RollNo:16M10103
* Priyanka V Rokhade Bsc (CS) 6th sem RollNo:16M10152

**LIMITATIONS OF THE PROJECT**

* Although our software presents a broad range of options to its users some intricate options could not be covered into it.
* Single language facility can be given presently.
* Presently we are adding limited stocks.
* Cannot do online transactions.
* Invoice messages like SMS cannot be provided currently.

**SCOPE OR FUTURE APPLICATION**

* Multiple language facility can be given.
* If any new category is introduced can be added.
* It can also be part of android application.
* Barcode reading can be provided.
* Net banking and other facilities for transactions can be provided.