**CONTENTS   
 Topic Page No**

**1. PROJECT SYNOPSIS - - - - - - - - - - - - - - - - - 04** **1.1 Introduction.  
 1.2 Existing System and Its Disadvantages.  
 1.3 Proposed system and Its Advantages.  
 1.4 Input of the project/System.  
 1.5 Output of the project/System.  
 1.6 Process Logic**. **2. NET FRAMEWORK - - - - - - - - - - - - - - - - - - - - 10  
 2.1 Python and Framework  
 2.1.2 Django  
 2.1.2 Usage  
 2.1.3 Speed Optimization  
2.2 HTML**  
**2.3 MY SQL  
 2.3.1 Introduction To Sql Server   
 2.3.2 Features Of Sql  
2.4 Create A Connection To a Database  
2.5 MySQL Benefits  
2.6 Steps To Create A Database In PHPMyAdmin  
2.7 Steps To Drop Table In PHPMyAdmin  
  
3. Project subject - - - - - - - - - - - - - - - - - - - - - - 32  
 3.1 Modules**

**4. System Analysis - - - - - - - - - - - - - - - - - - - - - 36**  
 **4.1 System Requirements  
 4.2 System Analysis  
 4.3 System Design   
 4.4 Data Tables**

**5. Data Flow Diagrams - - - - - - - - - - - - - - - - - - 42  
 5.1 Data Flow Diagram**

**5.2 DFD Notations**

**5.3 Steps Required In DFD**

**5.4 Context Level Diagram**

**5.5 Level 1 DFD**

**5.6 Level 2 DFD**

**6. ER Diagrams - - - - - - - - - - - - - - - - - - - - - - - - 50**

**7. Tables - - - - - - - - - - - - - - - - - - - - - - - - - - - - - 52**

**8. Sample outputs /Snapshots - - - - - - - - - - - - - - 57**

**9. Source Code - - - - - - - - - - - - - - - - - - - - - - - - - 67**

**10. Testing - - - - - - - - - - - - - - - - - - - - - - - - - - - - 87  
 10.1 Scope Of Testing.  
 10.2 Testing Objective  
 10.3 About Testing  
 10.4 Software Quality Assurances.   
 10.5 Testing Strategies  
 10.6 Test Cases  
 10.7 Limitations  
  
11. Conclusion and Future Enhancement - - - - - 97  
 11.1 Conclusion  
 11.2 Future Enhancement**

**12. Bibliography - - - - - - - - - - - - - - - - - - - - - 100**

Chapter-1

PROJECT SYNOPSIS

**1.1 Introduction:**

“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.

**1.2 Existing System and Its Disadvantages**

* 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.

**1.3 Proposed System And Its Advantages:**

* 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.

**1.4 Input of the Project/System:**

* 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.

**1.5 Output of the Project/System:**

* Provides customer account details.
* It provides product details to the customers.
* Generates bills for customer.
* Delivery and tracking details to the customer.
* Provides invoice notifications through email.
* Exchange offers to the customers.

**1.6 Process Logic**

INPUT OUTPUT

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

Chapter-2

NET  
FRAMEWORK

**2.1 Python and Framework**