**PROJECT SYPNOSIS**

**OF**

**E – MANDI**

***“Healthy India , Wealthy India…”***



**MASTER OF COMPUTER APPLICATION**

**SUBMITTED BY GUIDEDE BY**

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**ABSTRACT**

E-Mandi is a web portal by which a user can buy the daily essentials like: vegetables , Fruits at the regular prices . A user can also sell their vegetables on this web portal . As we all know that after the covid pandemic everyone is now very possessive about the safety and hygiene so that we got this idea to develop this type of web portal on which a user can buy and sell their goods and they can be delivered by the sellers as per the respective address that is mentioned in the order. So this type of web portal can help the end – to – end commutation between the buyer and the seller. As an enhancement in this portal we included the online payment and cash on delivery panel in E-Mandi web portal so that a user can also pay his/her money regarding their goods by online medium and can also they can pay as cash–on–delivery format.

**MOTIVATION**

As we can see after covid pandemic everybody is scared to go out from their houses because they don’t want their life to be in danger . So that we have decided to create a web portal on which a person can easily purchase their essential goods like vegetables and fruits and many more things form their nearly vegetable stores on the regular prices as they purchases.

After this we have also an option for the sellers as they can sell their goods on this web portal on their regular prices because due to this pandemic all sellers get very badly affected because the customers are not coming to their shops to purchase.

***“Our aim is very clear that we want to give a user very hygienic and fresh goods at their home on the regular prices and also we don’t want to affect the sellers which are selling their goods in the locality. “***

FUNCTIONALITY PERFORMED BY CUSTOMER

* CUSTOMER REGISTRATION
* CUSTOMER LOGIN
* PRODUCT LISTING
* PRODUCT DETAIL
* CUSTOMER ORDER CONFIRMATION
* CHANGE PASSWORD
* QUALITY CHECK MODULE
  + View to seller
  + View to buyer

TECHNOLOGY USING IN PROJECT

* JAVA
* My SQL
* HTML
* CSS
* Bootstrap
* Java script

SUPPORT OPERATING SYSTEM

* WINDOWS
* Mac
* LINUX

**INTRODUCTION**

* E-Mandi is basically based on organic product like fresh vegetables , fruits.
* It is user friendly Web Portal in which a user can easily to buy and sale the products
* We are providing many services like to sell and purchase ,online payments and cash on Delivery
* By this we can provide fresh and hygienic products to the user\buyer.
* The products are delivered to the user by the sellers.

**OBJECTIVE**

Following are the main objectives that we wish to achieve from this project : –

* To provide a platform on which a user can easily get the fresh vegetables and fruits.
* To provide sellers a better environment b which they can reduce their stress by selling vegetables and fruits as a door to door selling.
* By this a user get better feel as the goods which are delivered to them are maintained in very hygiene environment .

**SOFTWARE REQUIREMENTS**

* Operating System : Windows ,Mac or Linux
* User Interface : HTML, CSS , Bootstrap
* Client-side Scripting : java script JS
* Programming Language : Java SE and Java EE
* Web Applications : JDBC, Servlets, JSP
* Database : Mysql
* Editor : Java NetBeans

**HARDWARE REQUIREMENTS**

* Processor : Pentium IV
* Hard Disk : 40GB
* RAM : 512MB or more

**METHODOLOGY**

The Web Information Systems Development Methodology (WISDM) is an ISD methodology, developed by Richard Vidgen, David Avison, Bob Wood and Trevor Wood-Harper (Vidgen 2002). This method adapted the traditional system development methods, web development technology and the hypermedia development methodology.[2] Hypermedia is a mix of rich texts, graphics, audio and video, and uses hyperlink to link to other pages and sections of an application.

The main framework of WISDM is extracted from Multitier. Multitier is a methodology with user participative approach that includes many stakeholders like developers who are responsible for developing the Job Portal and users who are using the Job Portal. Therefore, Multitier focuses on both the human and technical aspects of Information System. The framework of the WISDM that helps in the development of a Web-based Information Systems considers two aspects: one relating to the organizations, people and technology; the other relating to the analysis and design. The WISDM mainly focuses on Organizational analysis, Information analysis, Technical design, Human computer interaction and Work design.[5] There is no prior ordering of the five aspects of the said method. Each method has been emphasized alone during the project development.

**SYSTEM MODULES**

* **CUSTOMER REGISTRATION MODULE: –**
* In our web portal if a customer wans to buy products he / she has to register themselves into our application.
* As the customer register himself in the web portal he / she has to mention that he / she is a consumer or a seller.
* After the registration the persion can be able to place their order in our web portal.
* **CUSTOMER LOGIN MODULE : –**
* After the completion of registration process a consumer and a seller is able to login their account .
* By this a user can save his / her information regarding orders and delivery details.
* **PRODUCT LISTING MODULE : –**
* In this module we have designed format to list or showcase the products that we have on our web portal
* By the help of product listing a user can easily find that he / she wants.
* **PRODUCT DETAIL MOIDULE : –**
* In this module we have included the details of the products like their prices.
* A details module plats an important role in the web portal as a customer a person wants all details about the product that he / she wants.
* **CUSTOMER ORDER CONFIRMATION MODULE : –**
* In this module we are going to develop a conformation page that displays that the order is well placed.
* This module is very important as because a customer always wants a confirmation from the web portal that he / she is using .
* **CHANGE PASSWORD MODULE: –**
* In this module we have included a security phase as to create a password by the user .
* A password is very important in any account because a user always wants his / her data to be secured .
* **QUALITY CHECK MODULE :** 
  + **View to seller :**
    - This module is very important as because a seller have to pass this section to place their product on our web portal
    - This module is available for the seller to maintain the quality in every week.
  + **View to Buyer :**

* This module is very important as because a buyer should check the quality of the product before order.
* This module is available for the buyer to check the OK sign at Quality .