

PROJECT SYNOPSIS

SUBJECT:

E-Commerce Shopping Website

GROUP MEMBERS:

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TITLE OF THE PROJECT:

E-Commerce Shopping Website for Visually Impaired.

INTRODUCTION

In this project , we will focus on how our shopping website will be beneficial for visually impaired or in other words fully blind or color-blind people. Firstly , we will study about the normal e-commerce website works .

The Visually Impaired Friendly E-Commerce Website project is a new information management system designed to provide a user-friendly and accessible online shopping environment for individuals with visually impairment. The website will include text-to-speech technology, high-contrast options and easy-to-navigate menus to ensure that visually impaired customers can easily browse and purchase products.

COMPONENTS REQUIRED:

1. **User Interface:** The website will include a user-interface that is accessible to visually impaired customers. This will consist of high-contrast options , large font – size and easy-to-navigate menus.
2. **Text-to-speech Technology:** The website will include text-to-speech technology that will enable visually impaired customers to hear the product description and other relevant information.
3. **Input and Output :** The website will allow customers to input their information and preferences and receive results such as product recommendation , order confirmations and shipping information.
4. **Files and Databases :** The website will store customer data, product information and other relevant information in secure database.
5. **Network Specifications :** The website will be hosted on a secure server and can be accessible online.

6. Languages used :

Front-end :- HTML , CSS , Javascript

Back-end :- Python , MySQL