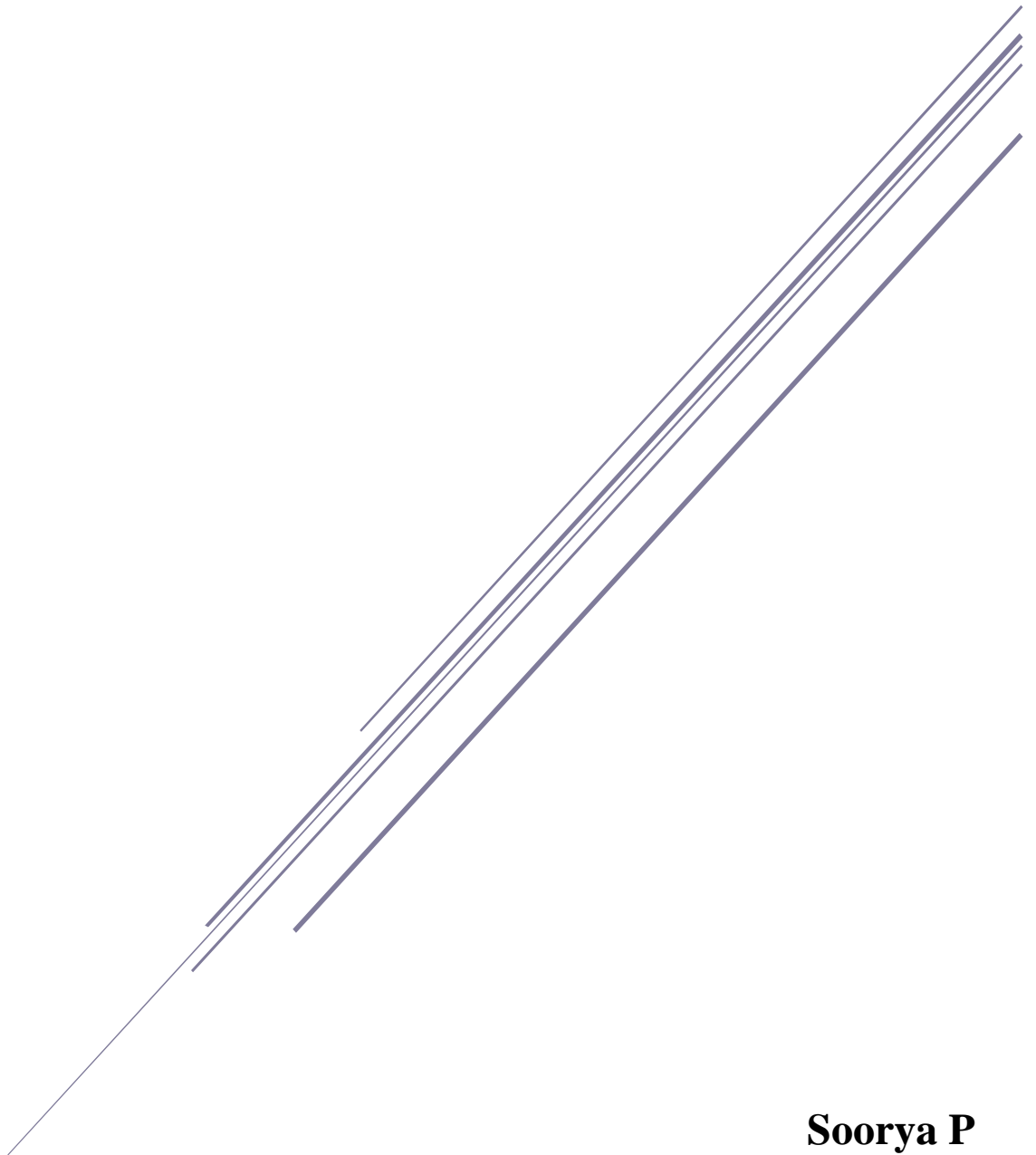


MINI PROJECT ABSTRACT

Topic: E-Ration Shop



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E-Ration Shop

Abstract

In developing countries like India, the plan of subsidising basic domestic commodities for poor families is an important part of meeting people's basic needs. When a self-contained system for ration distribution is available, it benefits cardholders in a variety of ways. The E-Ration is the most convenient way to purchase ration items. Its goal is to offer ration products on the internet.

E-Ration Shop is an automated system that distributes the exact amount of ration to cardholders based on the type of ration card and the number of family members, as well as keeping track of transactions in a database. As a result, this approach will reduce dealer communication, manual calculations, and time spent in stores.

The cardholder can access the rationing system at any time during the month, with no need for human participation in the ration shop. Each transaction is automatically logged into the database by this system. Customers who purchase ration items online will have their information saved in an internet database, which will be viewable to higher-ranking officers as well as the shop owner. A fair price store (FPS) or ration shop is another name for a public distribution shop. It is a part of the Government of India's public distribution system, which provides subsidised rations to the needy in India. The Civil Supplies Corporation is a key government agency that oversees and distributes basic supplies to all inhabitants. Various products like as rice, sugar, and kerosene are supplied utilising a traditional ration store method in that system. Some of the drawbacks of the traditional ration shop system include: The user is unable to obtain an accurate quantity of material due to laborious measurements in the traditional technique. Because it is a direct process done by online ration shop keeper, this application uploads the data immediately to the server, confirming the data. Because it is a direct process done by online ration shop keeper, they cannot do anything in these transactions as they do in paper work.

Existing System

- The current system is a manual one.
- Waiting in line, negotiating, and products are plundered by making incorrect entries without the ration card holder's knowledge.

Proposed System

- Maintain through online.
- Admin will receive supplies from the government. Through the e-ration shop, the admin will sell things to customers. All information about the product and the registered consumer is stored in the database.
- The customer can quickly read all of the product details and purchase the item with cash or credit card.

Advantages of Proposed System

- The purpose of the E-Ration Shop website is to provide information to cardholders and to keep track of all transactions.

- Easy payment
Paytm, card, and COD are all convenient ways for people to pay online. It will lead to cashless transactions and digital payments.
- Retailers will be benefited and malpractices will be stopped
- Products Home delivery is available.
Products can be readily ordered and delivered to your home. It will save time and will be beneficial to individuals who are unable to go shopping on their own.
- Overall, the e-Ration Shop aims to ensure that only the entitled lot receives subsidised food material, and that all other routine chores such as inventory planning and reporting are completed with minimal human intervention to ensure smooth operation of the PDS scheme. People can easily access all of the scheme's benefits.

The main modules are:

- Government Admin
 - i. Login
 - ii. Manage Ration shop details
 - iii. Manage Product Report
 - iv. Manage Customer Report
 - v. Manage Supplier details
 - vi. Manage ration shop administrator
- Ration Shop Admin
 - i. Login
 - ii. Manage profile
 - iii. Manage customer details
 - iv. Stock management
 - v. Manage ration shop details
 - vi. Manage order details
 - vii. Ration shop Kit management
 - viii. Manage product
 - ix. Manage suppliers
- Delivery team
 - i. Login
 - ii. Register
 - iii. Manage order details
 - iv. Delivery status management
 - v. Manage profile
- Customer
 - i. Login
 - ii. View product
 - iii. View purchased product
 - iv. Payment
 - v. Manage profile
 - vi. Message/Suggestion

The users are:

- Government Administrator: The administrator can manage all the activities of ration shop. The government will provide products to ration shop. They can view the ration shop details, product report, customer report, supplier details etc.
- Ration shop Administrator: The shop administrator will sell products to customer through online purchase.
- Delivery Team: The one who delivers the purchased product.
- Customer: The one who purchase the product and make payment for the products that he/she purchased. They are the one who will get the full advantage of this site.

Software Requirements

- Front-end development : HTML5, CSS, JavaScript, jQuery
- Back-end development : PHP
- Database : MySQL
- Server : XAMPP
- IDE : Visual Studio Code
- Operating System : Windows