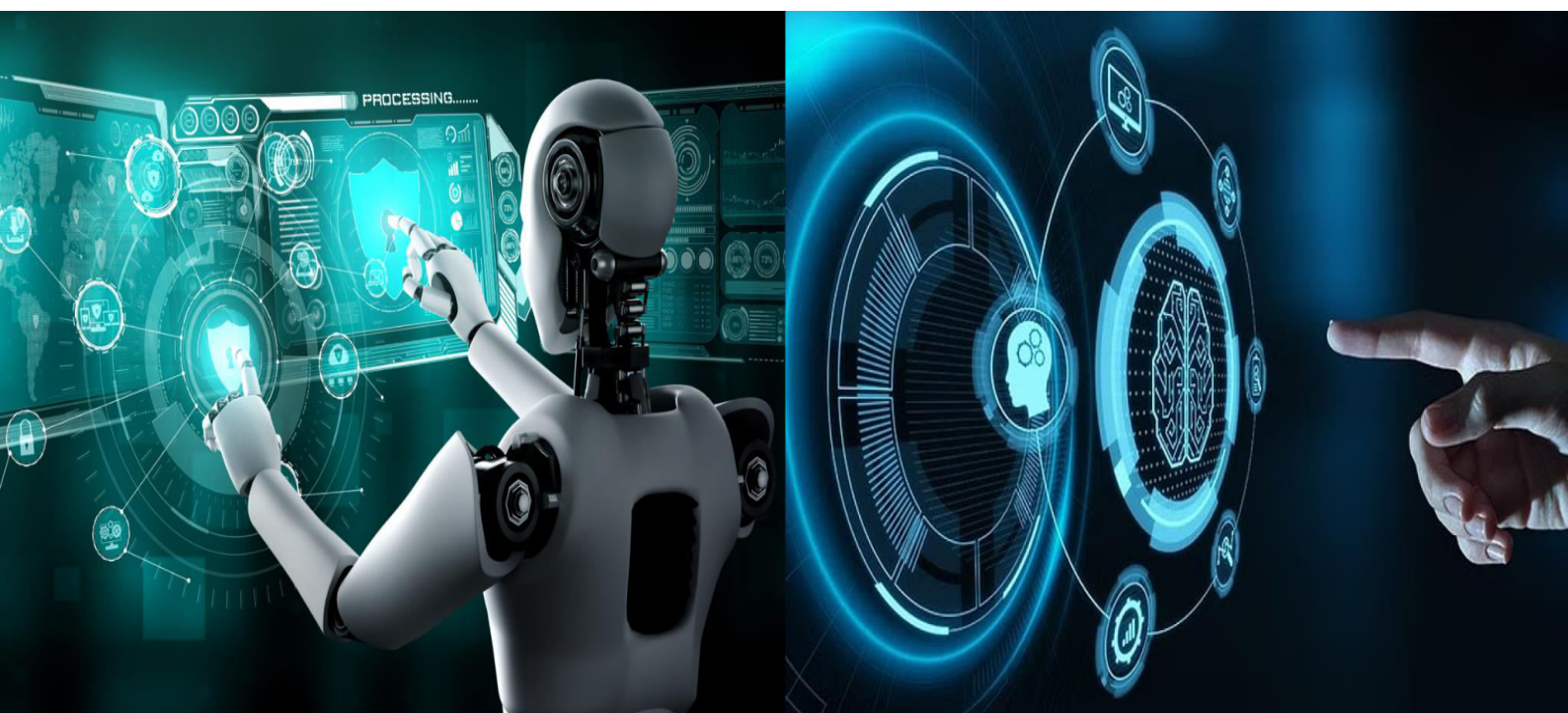


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Har Ghar Ration Seva (HGRS)

Parth Tanaji Giradkar¹, Saloni Arvind Nikhade², Saloni Devchand Barve³, Pranali Prabhakar Padwekar⁴, Arpit Sainath Burse⁵, Aarti Vaidya⁶

Department of Computer Engineering, Ballarpur Institute of Technology [BIT], Ballarpur, Maharashtra, India¹⁻⁵

Assistant Professor, Department of Computer Engineering, Ballarpur Institute of Technology [BIT], Ballarpur, Maharashtra, India⁶

ABSTRACT: The Government of India started Fair Price Shops (FPS) under the Public Distribution System (PDS) to make sure all people get food items at low prices. Important items like rice, wheat, sugar, and kerosene are given to poor families at prices set by the government. Even though the government is trying hard, some problems still make it difficult for poor people to get these items easily. This study is about stopping the illegal selling (black marketing) of ration items. The government gives help to poor people, but sometimes this help doesn't reach them because of corruption. In the ration system, people are supposed to buy items at low prices from fair price shops. But some shopkeepers sell these items outside at higher prices to make extra money, which is wrong. To fix this problem, a simple system has been made. This system connects government offices, ration suppliers, and ration card holders. It also uses Aadhaar cards and fingerprints to make sure the right people get the ration and stop black marketing.

KEYWORDS - Har Ghar Ration Seva (HGRS), Public Distribution System (PDS), One Nation One Ration Card (ONORC), Fair Price Shops (FPS)

I. INTRODUCTION

The Public Distribution System (PDS) is a food supply system started by the Government of India. It is managed by both the central and state governments. The main goal of PDS is to give food and grocery items to poor people who have valid ration cards. State governments check and manage the ration cards. According to the rules, each person with a ration card should get 5 kg of food grains every month. But there are some problems in the way the ration is given to people. To make the system better, we are starting Home Delivery of Ration Items Through Automation in Public Distribution System (HGRS). In this new system, ration will be delivered directly to the homes of people who have valid ration cards. Agents will come to the customer's house with their monthly ration. The customer can pay and take the ration package at home.

II. BACKGROUND

India's Public Distribution System (PDS) is one of the biggest food programs in the world. It gives low-cost food grains to millions of families. Even though it helps fight hunger and malnutrition, the old PDS system has some problems like food leakage, corruption, irregular supply, and difficulty in getting ration - especially for people living in faraway places or migrant workers. To solve these problems and make sure food reaches everyone, the Har Ghar Ration Seva program was started.

This program builds on the One Nation One Ration Card (ONORC) scheme, which lets people get their ration from any place in the country. Har Ghar Ration Seva goes a step further by delivering ration directly to people's homes. This reduces the need to go to ration shops and makes it easier for people to get food. It also uses technology like Aadhaar verification, GPS tracking of delivery vehicles, and online payments to make the system more honest and efficient.

Some states have already started this doorstep delivery system and have seen good results. It has helped people who usually find it hard to go to ration shops, like the elderly, disabled, and daily wage workers.

This research will study how Har Ghar Ration Seva started, how it works, and what impact it has had on food security in India. By looking at reports, studies, and examples, the paper will give a full picture of how well the program is working and suggest ways to improve it.



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III. METHODOLOGY

This research uses both numbers and opinions to study the Har Ghar Ration Seva program. It explains how data will be collected, what sources will be used, and how the data will be analysed.

1. Research Plan

The study uses a clear and detailed research plan to look at how the program works, what problems it faces, and what benefits it brings. It uses both new data collected by the researchers and existing data from other sources to understand the program better.

2. How Data Will Be Collected

A. From People (Primary Data):

- Surveys will be done with people who get the ration, shop owners, delivery staff, and government workers.
- Interviews will be held with government officers, policymakers, and workers to learn about challenges and ways to improve.
- Field visits will be made to areas where home delivery of ration is happening to see how it works in real life.

B. From Documents and Reports (Secondary Data):*

- Study of government reports, rules, and plans from the Ministry of Consumer Affairs.
- Review of past studies about food distribution in India and other countries.
- Reading news stories, real-life examples, and reports on test programs to understand what's working and what's not.

3. How the Data Will Be Studied

- Use of basic math like averages and percentages to measure how satisfied people are and how well the program works.
- Comparing the old PDS system with the new home delivery system to see what has improved.
- Reading and analyzing interviews and documents to find common ideas, problems, and suggestions.

4. Ethical Rules

- Everyone who takes part in the study will be asked for their permission.
- All personal information will be kept private.
- The results will be shared honestly without changing or hiding any facts.



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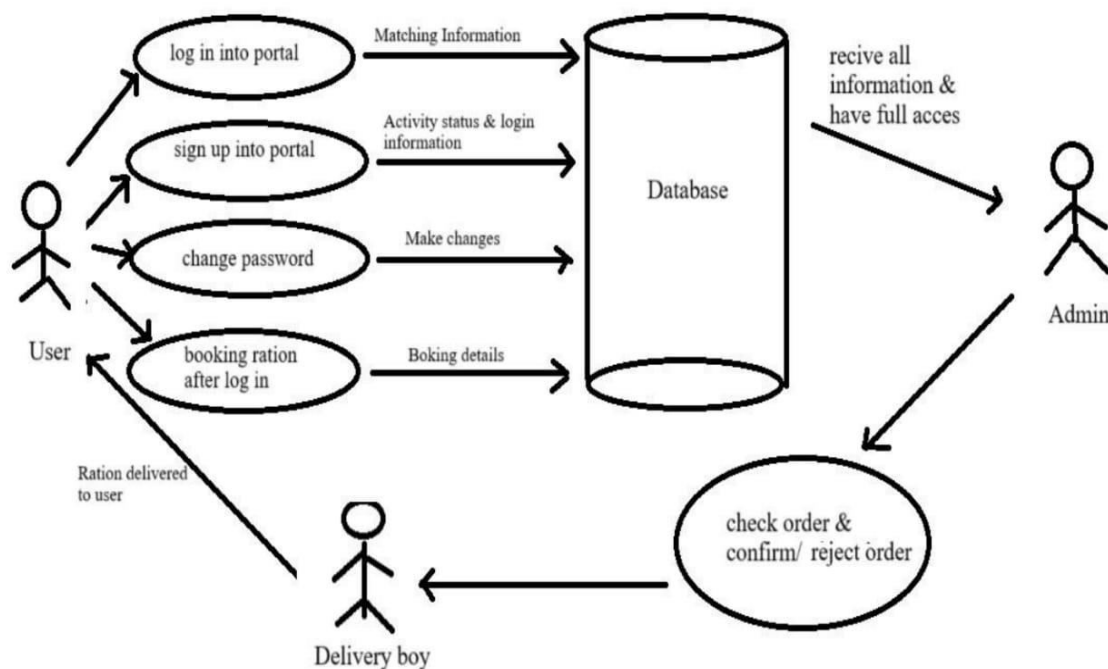


Fig: Use-Case Diagram

IV. MODULES

Module 1.Website

1. New order
2. History
3. Alert messages
4. New offers

Sub modules:

1.Admin

1. Add New Agency:
Admin adds the new agency to the system. Who have an authorized dealer ship in their village/ ward.
2. Add New Customer.
Admin adds the new Customer to the system. Who have a valid ration card such as APL, BPL, etc.
3. Add New Item.
Add a new Item to the System, the item may be Rice, pulses, Wheat, sugar , special kit and etc.
4. Add District.
Add a new District to the System.
5. Add Taluka.
Add a new Taluka to the System.
6. Add Village.
Add a new Village to the System.



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7. Add Ward.

Add a new Ward to the System.

8. Update/Delete.

Provides to update/delete a customer details, agency details, items.

9. Complaints.

Admin used to see the complaints of the customers, send there solutions.

2. Agency

1. Home

2. Status.

3. Agency are allowed to update the

3. Users

1. Home.

2. Complaints. Customers may send their complaints directly to the Admin.

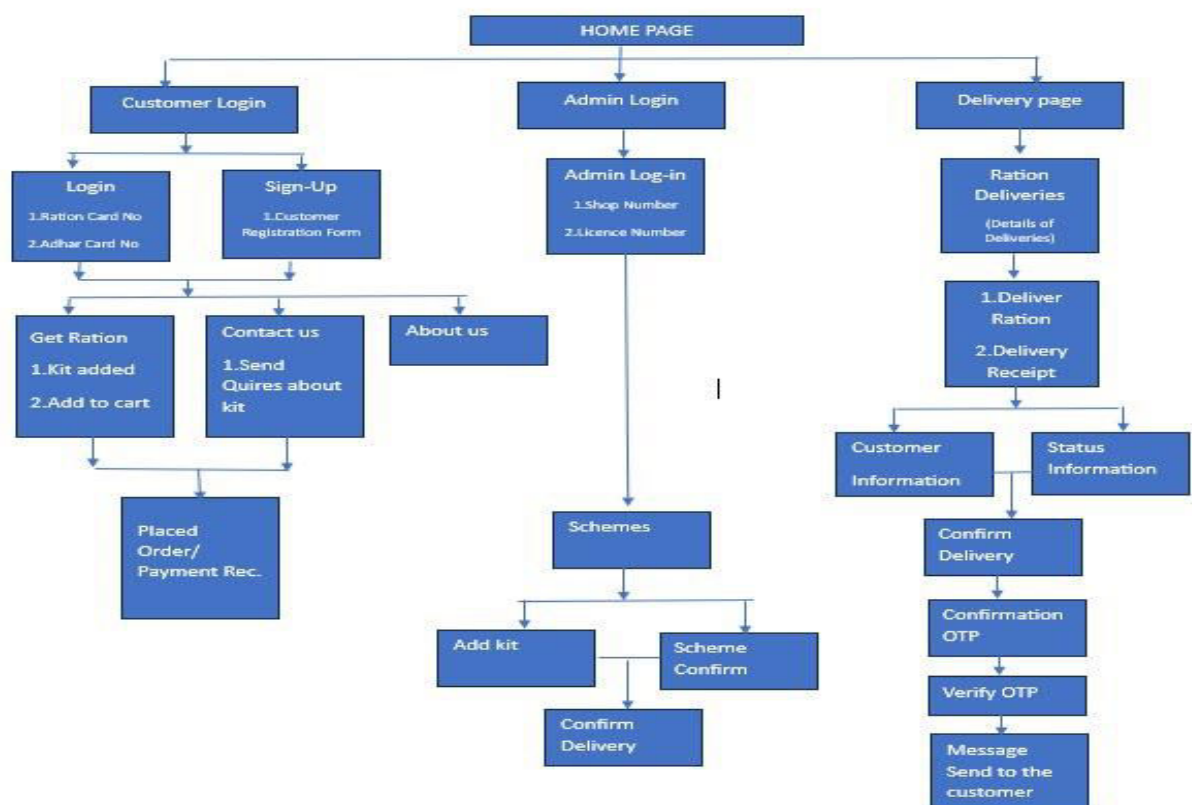


Fig: Data Flow Diagram



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V. IMPLEMENTATION

- **Objective:** To facilitate the delivery of essential food grains directly to the homes of beneficiaries, particularly those from economically weaker sections.
- **Target Beneficiaries:** Primarily aimed at families belonging to the Below Poverty Line (BPL) category, ensuring they have access to necessary food supplies.
- **Implementation:** The program is designed to streamline the distribution process, reducing the burden on families who may have difficulty accessing ration shops due to distance or mobility issues.
- **Government Support:** This initiative is supported by various state governments as part of their commitment to improving food security and welfare for vulnerable populations.
- **Online Application:** Beneficiaries can apply for the service through designated online portals, making the process more accessible and efficient.
- **Monitoring and Feedback:** The program includes mechanisms for monitoring deliveries and collecting feedback from beneficiaries to improve service quality.

VI. CONCLUSION

Har Ghar Ration Seva (HGRS) is a new and better way to give food to people in India. We use technology to fix the problems in the old system. Instead of doing everything by hand, we use computers to make sure the right people get food quickly and easily. All the information is stored in one place, where officials can check it. This helps stop cheating and builds trust. People can also order their ration online through our website. This makes it easier for everyone to get food, even if they live far away or have trouble going to a ration shop. HGRS is helping many families by making sure they have enough to eat. We believe in doing things better, making them easy to access, and being open about everything. With Har Ghar Ration Seva, we're building a better and fairer future for everyone in India.

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