RATION CARD QUEUE MANAGEMENT SYSTEM

A PROJECT REPORT

Submitted by

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in partial fulfillment for the award of the degree

of

Master of Computer Application



INTEGRAL UNIVERSITY, LUCKNOW

MAY 2025



CERTIFICATE

Certified that this project report "RATION CARD QUEUE MANAGEMENT SYSTEM" is the bonafide work of "ABEER IQRAR & ANSHIKA MAURYA" who carried out the project work under my supervision.

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Certified that this project report "RATION CARD QUEUE MANAGEMENT SYSTEM" is the bonafide work of "ABEER IQRAR AND ANSHIKA MAURYA" who have successfully carried out the project.

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DECLARATION

"I hereby declare that this submission is my own work and that, to the best of my

knowledge and belief, it contains no material previously published or written by

another person nor material which has been accepted for the award of any other

degree or diploma of the university or other institute of higher learning, except where

due acknowledgment has been made in the text".

Date: 19-05-2025

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ABSTRACT

The Ration Card Queue Management System is designed to streamline and modernize the process of distributing essential commodities through government-supported ration shops. Traditional manual systems often lead to long queues, mismanagement, and inefficiency. This system leverages technology to provide an organized, time-efficient, and transparent approach to ration distribution. By incorporating features such as online registration, digital token generation, real-time queue monitoring, and automated notifications, the system reduces crowding and wait times at ration shops. It ensures fair distribution by authenticating users via ration card details and tracking the allocation history. The solution also provides administrators with data analytics tools for demand forecasting and inventory control. Ultimately, this system enhances user convenience, reduces operational burdens, and promotes a more equitable public distribution system.

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