RATION CARD QUEUE MANAGEMENT SYSTEM

A PROJECT REPORT

Submitted by

ABEER IQRAR & ANSHIKA MAURYA

in partial fulfillment for the award of the degree

of

Master of Computer Application

INTEGRAL UNIVERSITY, LUCKNOW

MAY 2025

INTEGRAL UNIVERSITY

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.

Ms. Fareen

Project Guide

Department of Computer Application

Integral University, Lucknow

CERTIFICATE

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.

Dr. Md. Faizan Farooqui
Project Coordinator
Department of Computer Application
Integral University, Lucknow

Dr. Mohd. Faisal
Head
Department of Computer Application
Integral University, Lucknow

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

ABEER IQRAR

ANSHIKA MAURYA

ACKNOWLEDGEMENT

We would like to acknowledge and extend my heartfelt gratitude to our project guide **“Ms. Fareen”** Under whose guidance we have completed our project **“Ration Card Queue Management System”.** They have been a constant source of encouragement and inspiration on to me. They have made sincere efforts to make more meaningful complete compact and comprehensive. It’s a great pleasure to let you know that we have put my feeling into practice. At last, we give our special thanks to our batch mates for all the valuable suggestions without which this lab report could not be completed.

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.

TABLE OF CONTENTS