**SMART GROCERY MANAGEMENT**

# A PROJECT REPORT

***Submitted By***

# NANDHITHA B [RA2311003020527]

# ABI ADHARSHINI D [RA2311003020540]

# RITHISRI A [RA2311003020547]

**SHREYA S [RA2311003020590]**

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# BONAFIDE CERTIFICATE

Certified that this project report **“SMART GROCERY MANAGEMENT”** is the bonafide work of **NANDHITHA (RA2311003020527),** **ABI ADHARSHINI(RA2311003020540), RITHISRI (RA2311003020547), SHREYA(RA2311003020590)** Of III Semester B Tech (CSE) during academic year 2024-25, ODD Sem in 21DCS201P Design Thinking and Methodology, who carried out the project work under my supervision.

**SIGNATURE OF INCHARGE**

**DR. M. Ramesh M.E, Ph.D.**

Assistant Professor

Department of Mechanical Engineering

SRMIST, Ramapuram

**SIGNATURE OF THE HOD**

**Dr. K. RAJA, M.E, Ph.D.**

Professor and Head

Department of CSE

SRMIST, Ramapuram

**INTERNAL EXAMINER- I INTERNAL EXAMINER-II**

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# ABSTRACT

The Smart Grocery Management app is designed to streamline and enhance the grocery shopping and meal planning experience. The app integrates key features such as inventory tracking, expiration alerts, recipe suggestions, and dietary preference filters to reduce food waste, save time, and promote healthier eating habits. Users can manage their groceries efficiently by receiving real-time notifications about expiring items, automatically generating meal plans based on available ingredients, and curating shopping lists with price comparisons across stores. With personalized recipes and meal plans tailored to users' dietary needs, the app empowers users to make informed choices while optimizing their food budget.

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