ONLINE PLATFORM FOR MANIYAN STORES

PROJECT REPORT

Submitted by

GOWTHAM PRASATH T

(REG. NO: 22BIR014)

LOGITH K

(REG. NO: 22BIR027)

THARNISH P

(REG. NO: 22BIR053)

in partial fulfillment of the requirement

for the award of the degree

of

BACHELOR OF SCIENCE

IN

INFORMATION SYSTEMS

DEPARTMENT OF COMPUTER TECHNOLOGY – UG

KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE – 638 060

March 2025

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BONAFIDE CERTIFICATE

This is to certify that the project report titled **"ONLINE PLATFORM FOR MANIYAN STORES"** is the approved record of project work done by **GOWTHAM PRASATH T (REG. NO: 22BIR014)**, **LOGITH K (REG. NO: 22BIR027)** and **THARNISH P (REG. NO: 22BIR053)** in partial fulfillment for the award of Degree of Bachelor of Science in **INFORMATION SYSTEMS** of Anna University, Chennai during the academic year 2024-2025.

SUPERVISOR **HEAD OF THE DEPARTMENT**

(Signature with seal)

Date:

Submitted for the end semester viva-voce examination held on _____

INTERNAL EXAMINER **EXTERNAL EXAMINER**

DECLARATION

We affirm that the project titled **"ONLINE PLATFORM FOR MANIYAN STORES"** being submitted in partial fulfillment of the requirements for the award of **Bachelor of Science Degree in INFORMATION SYSTEMS** is the original work carried out by us. It has not formed part of any other project submitted for award of any degree, either in this or any other University.

GOWTHAM PRASATH T
(REG.NO: 22BIR014)

LOGITH K
(REG.NO: 22BIR027)

THARNISH P
(REG.NO: 22BIR053)

I certify that the declaration made above by the candidates is true to the best of my knowledge.

Date: **Name and Signature of the Supervisor**

ABSTRACT

The project was entitled "**ONLINE PLATFORM FOR MANIYAN STORES**" presents a web application designed to transform the way departmental stores operate. Traditional manual processes and fragmented systems often slow down productivity and cause delays. This web application aims to streamline operations, increase efficiency, and enhance the overall shopping experience.

The proposed platform includes essential modules such as Product Management, Customer Management, Billing, Reporting and Analytic, Order Tracking, User Authentication, and Web Page Management, offering a highly user-friendly interface. Customers can conveniently browse through a wide range of products across various categories, add items to their cart, and complete purchases directly through the website.

The front-end of the application is developed using React.js, providing an engaging and responsive user interface, supported by CSS and JavaScript for styling and dynamic functionality. The back-end utilizes Express.js and Node.js for managing server-side logic, ensuring smooth data processing and integration. MongoDB serves as the database to store and manage product listings, customer data, orders, and transactions securely.

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF ABBREVIATIONS

ABBREVIATIONS	EXPANSIONS
HTML	Hypertext Markup Language
CSS	Cascading Style Sheet
JSON	JavaScript Object Notation
JS	JavaScript
UPI	Unified Payments Interface
HTTP	Hypertext Transfer Protocol
API	Application Programming Interface
JWT	JSON Web Token