A

Project Report

on

Multi Franchise Ecommerce Web-App

B.Tech IT
Sem-VI

Prepared By:

Neel Soni (IT150)

Apar Solanki (IT148)

Guided By:
Prof. Viral H. Shah
Dept. of Information Technology

Department of Information TechnologyFaculty of Technology,
Dharmsinh Desai University
College Road, Nadiad –

CANDIDATE'S DECLARATION

We declare that the 6th-semester report entitled **"Multi Franchise Ecommerce Web-App"** is our work under the supervision of guide Prof. Viral H. Shah.

To the best of our knowledge, we further declare the report for B.Tech. VI semester does not contain part of the work which has been submitted either in this or any other university without proper citation.

Candidate's Signature
Candidate's Name: Neel Soni
Student ID: 20ITUOS018

Candidate's Signature
Candidate's Name: Apar Solanki
Student ID: 20ITUOS060

DHARMSINH DESAI UNIVERSITY
NADIAD-387001, GUJARAT

CERTIFICATE

This is to certify that the project out in the subject of Software Development Project, entitled "**Multi Franchise Ecommerce Web-App**" and recorded in this report is a bonafide report of a work of

1) Neel Soni	Roll No.: IT150	Student's ID: 20ITUOS018
2) Apar Solanki	Roll No.: IT148	Student's ID: 20ITUOS060

department of Information Technology, Semester VI. They were involved in Project work during the academic year 2022-2023.

Prof. Viral H. Shah
(Project Guide)
Department of Information Technology,
Faculty of Technology,
Dharmsinh Desai University, Nadiad.
Date:

Prof. (Dr.) Vipul K. Dabhi
Head , Department of Information Technology,
Faculty of Technology,
Dharmsinh Desai University, Nadiad.

ACKNOWLEDGEMENT

It is indeed a great pleasure to express our thanks and gratitude to all those who helped us during this project. This project has given us a great opportunity to think, implement and interact with various aspects of the Software Development Life Cycle. We would like to acknowledge all the people who have helped us at one stage or another by providing the much-needed support, encouragement, and groundwork to complete our project.

We express a deep sense of gratitude towards our project guide **Prof. Viral H. Shah** towards his innovative ideas and earnest effort to make our project a success. It is his sincerity that prompted us throughout the project to do hard work using industry-adopted technologies. Our commitment to the application is the sole result of patience, hard work, and dedication being inspired by him.

A blend gratitude, pleasure, and great satisfaction are what we feel to conveyour indebtedness to all those who have directly or indirectly contributed towards the completion of the project.

With Sincere Regards,
Neel Soni
Apar Solanki

TABLE OF CONTENT

1. Introduction 1

Project Details: Broad specifications of the work entrusted to you… 1

Purpose 1

Scope 1

Objective 1

Technology and Literature Review… 1

2. Project Management 3

Feasibility Study 3

Technical feasibility 3

Time Schedule feasibility 3

Operational feasibility 4

Implementation feasibility 4

Project Planning… 5

Project Development Approach and Justification 5

Project Plan 6

Roles and Responsibilities. 6

3. System Requirements Study 8

Study of Current System 7

User Characteristics 7

Hardware and Software Requirements 7

Constraints 7

4. System Analysis 8

Requirements of New System (SRS) 8

Functional Requirements 8

Non-functional Requirements 9

5. System Design 11
Use Case Diagram 11
Class Diagram 12
Sequence Diagram 13
Activity Diagram 14
6. Implementation Planning… 15
Implementation Environment 15
Program/Modules Specification 15
7. Testing…. 16
Testing Plan 16
Testing Strategy 16
Testing Methods 16
Test Cases 17
8. User Manual 18
9. Limitation and Future Enhancement 26
10. Conclusion and Discussion 27
Conclusions 27
Discussion 27
Self Analysis of Project Viabilities 27
Problem Encountered and Possible Solutions 27
Summary of Project work…. 28
11. Bibliography 30