A PROJECT REPORT ON

Gr Mart

SUBMITTED IN PARTIAL FULFILLMENT OF

DIPLOMA IN ADVANCED COMPUTING (PG-DAC)



 \mathbf{BY}

Abhay Krishna Pratik Mohite Mayuresh Kholekar

UNDER THE GUIDANCE OF

Onkar Chougale

 \mathbf{AT}

SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY, Karad

SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY, Karad



CERTIFICATE

This is to certify that the project

Gr Mart

Has been submitted by

Mayuresh Kholekar Pratik Mohite Abhay Krishna

In partial fulfillment of the requirement for the Course of **PG Diploma in Advanced Computing (PG-DAC March, 2023)** as prescribed by The **CDAC** ACTS, PUNE.

Place: Karad Date: 30-AUG-2023

Onkar Chougale Project Guide Mr. Pratik Ninganur Course Coordinator

ACKNOWLEDGEMENT

A project usually falls short of its expectation unless aided and guided by the right persons at the right time. We avail this opportunity to express our deep sense of gratitude towards **Mr. Prashant Lad** (Center Coordinator, SIIT, Karad) and **Mr. Pratik Ninganur** (Course Coordinator, SIIT, Karad).

We are deeply indebted and grateful to them for their guidance, encouragement and deep concern for our project. Without their critical evaluation and suggestions at every stage of the project, this project could never have reached its present form.

Last but not the least we thank the entire faculty and the staff members of Sunbeam Institute of Information Technology, Karad for their support.

Abhay Krishna
Pratik Mohite
Mayuresh Kholekar
DAC March, 2023 Batch,
SIIT Karad

INDEX

1.	INTRODUCTION	1
	1.1 Introduction	2
2.	PRODUCT OVERVIEW AND SUMMARY	3
	2.1 Purpose	4
	2.2 Scope	4
	2.3 User Classes and Characteristics	5
	2.4 Design and Implementation Constraints	5
3.	REQUIREMENTS	6
	3.1 Functional Requirements	6
	3.1.1 Use case for Administrator.	7
	3.1.2 Use case for Customer.	7
	3.2 Non - Functional Requirements	8
	3.2.1 Usability Requirement	9
	3.2.2 Performance Requirement	11
	3.2.3 Reliability Requirement	13
	3.2.4 Portability Requirement	14
	3.2.5 Security Techniques	14
4.	PROJECT DESIGN	18
	4.1 Data Model	22
	4.1.1 Database Design	18
	4.2 Process Model	31
	4.2.1 Functional Decomposition Diagram	33
	4.2.2 Data Flow Diagram (DFD)	3
5.	TEST REPORT	26
6.	Awareness document for web application security	36
7.	Refrences	39

LIST OF FIGURES

Section	Figure Title	Page
1	Front End UI Diagram : Homepage	25
2	User Registration, Administrators Login	26
3	Add Employee and Delivery Person	27
4	User Profile Details	28
5	Add new Categories	29
6	Add Product	30
7	Product List	30
8	Picked Order by Delivery Person	31
9	View Employees and Delivery Person	32
10	Stocks Report	34
11	Cart	35
12	Contact Us	36