VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590018.



DBMS MINI PROJECT REPORT

ON

"INVENTORY MANAGEMENT SYSTEM"

Submitted in partial fulfilment for the requirement of V Semester for the Degree of

BACHELOR OF ENGINEERING IN INFORMATION SCIENCE & ENGINEERING

For the Academic Year 2022-23

SUBMITTED BY

DEEPAK R (1DB20IS042)
DEEPIKA M L (1DB20IS043)

Under the Guidance of

Mrs. CHAITHRA G V Assistant Professor Dept. Of ISE Dr. GOWRAMMA G S Associate Professor Dept. Of ISE

Department of Information Science & Engineering



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074

2022-23

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Mini Project Report entitled "INVENTORY MANAGEMENT SYSTEM" is a bonafide Mini Project work carried out by DEEPAK R (1DB20IS042), DEEPIKA ML (1DB20IS043) in partial fulfilment of V semester for the Degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University Belagavi, during the Academic Year 2022-23. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.

Signature of Guide	Signature of Guide	Signature of HOD
Mrs. Chaithra G V	Dr. Gowramma G S	Dr. B K RAGHAVENDRA
Assistant Professor Dept. of ISE, DBIT, Bengaluru.	Associate Professor Dept. of ISE, DBIT, Bengaluru.	Professor & Head Dept. of ISE, DBIT, Bengaluru.
	External Viva	
Name of the Examiners.		Signature with Date
1		
2		

DELCARATION

We Deepak R and Deepika M L, students of 5th Semester B.E, Information Science and

Engineering at **Don Bosco Institute of Technology**, Bengaluru hereby declare that the project

work entitled "Inventory Management System" has been carried out by us as a part of the

course work 18CSL58 - Database Management System under the supervision of Mrs

Chaithra G V Assistant Professor & Dr. Gowramma G S, Associate Professor, Department

of Information Science and Engineering, Visvesvaraya Technological University, Belagavi

during the academic year 2022-2023. We further declare that the report has not been submitted

to any other university for the award of any other degree.

Place: Bengaluru

Date:

ACKNOWLEDGEMENT

At the various stages in making the mini project, a number of people have given me invaluable comment on the manuscript. We take this opportunity to express my deepest gratitude and appreciation to all those who helped me directly or indirectly towards the successful completion of this project.

We would like to thank our **Dr. B.S. NAGABHUSHANA**, **Principal**, Don Bosco Institute of Technology, Bengaluru for his support throughout this project.

We express my whole hearted gratitude to **Dr. B.K .RAGHAVENDRA**, who is our respectable **Professor and Head of Department** of Information Science and Engineering. We wish to acknowledge for his valuable help and encouragement.

With this regard We owe a heartfelt gratitude to my guide **Mrs Chaithra G V** Assistant Professor & **Dr. Gowramma G S**, Associate Professor, Department of Information Science and Engineering, for timely advice on the Mini Project and regular assistance throughout the project work.

We would also like to thank the teaching and non-teaching staff members of Department of Information Science and Engineering for their corporation.

DEEPAK R (1DB20IS042)

DEEPIKA M L (1DB20IS043)

ABSTRACT

Inventory management system using PHP and MYSQL is a web-based application. It is a dynamic system. It can be maintained and changed easily because it is based on database. It contains web pages that are generated in real-time. These pages include Web scripting code, such as PHP. It is fully secured from unauthorized access.

The main purpose of Inventory Management System is to automate the existing manual system by the help of computerized equipment's and full-fledge computer software so that valuable information can be stored for longer period of time and access the information within the second. It keeps track of all the customers, the purchases made during a given period and the inventory of the items.

TABLE OF CONTENTS

Sl. No.	Topic	Page No.
1	Introduction	1
1.1	Overview	1
1.2	Background and Motivation	2
1.3	Methodology	2
2	Scope of Project	3
3	Requirements	4
4	Data Directory	5
4.1	Detailed Schema Diagram	5
4.2	E-R Diagram	6
5	Relational Database Design	7-9
6	Graphical User Interface	10
7	Snapshots	12-14
	Conclusion and future enhancement	15
	References	16

List Of Figures

Name	Page No
Figure:4.1 Schema Diagram	5
Figure:4.1 ER Diagram	6
Figure:4.1 Customer Page	11
Figure:4.1 Item Page	12
Figure:4.1 Sale Page	12
Figure:4.1 Search Page	13
Figure:4.1 Vendor Page	14