INDIAN ACADEMY DEGREE COLLEGE

DEPARTMENT OF MSC. COMPUTER SCIENCE



(AFFILIATED TO BANGALORE UNIVERSITY)

Hennur Cross, Hennur Main Road, Bangalore-560043

PROJECT REPORT

ON

Online Point of Sale

Submitted by

Amit Shrestha (15KSSSC002)

Under the guidance of

Prof. Sathish P

Report submitted in partial fulfillment of the requirements of IV Semester MSc.CS, Bangalore University 2015 - 2017

INDIAN ACADEMY DEGREE COLLEGE

DEPARTMENT OF MSC. COMPUTER SCIENCE



(AFFILIATED TO BANGALORE UNIVERSITY)

Hennur Cross, Hennur Main Road, Bangalore-560043

CERTIFICATE

This is to certify that the report titled **Online point of sale** is a bonafide record of work done by Amit Shrestha (15KSSS002) of Indian Academy Degree College, Bangalore, in partial fulfillment of the requirements of IV Semester MSc.CS during the year 2017.

Head of the Department

Project Guide

Valued-by:

Name : Amit Shrestha

1. Register Number : 15KSSSC002

2. Examination Center: Bangalore University

Date of Exam:

DECLARATION

I, Amit Shrestha, hereby declare that this project work entitled Online Point of Sale is submitted
in partial fulfillment for the award of the degree of MASTER OF SCIENCE COMPUTER
SCIENCE of Bangalore University.

I further declare that I have not submitted this project report either in part or in full to any other university for the award of any degree.

Date:	Student Name: Ami	t Shrestha
-------	-------------------	------------

Place: Reg. No: 15KSSSC002

ACKNOWLEDGEMENT

In the completion of the present application, there are many people who extended a helping hand in course of its development.

I wish to express my special thanks to **BANGALORE UNIVERSITY** for giving me an opportunity to do this report.

I wish to extend my thanks to our chairman, **Dr. T. SOMASEKHAR** for providing us a good environment to study and learn.

I wish to extend my thanks to our principal, **Dr. E JEROME XAVIER**, **Indian Academy Degree College**, **Hennur Cross**, **Bangalore**, for his encouragement and support.

Apart from that, **HOD Prof. ANURADHA** also helped us to come out of some logical problems which had kept me stuck onto it answered well all our queries.

I would like to express my sincere gratitude to my project guide **PROF. SATHISH P** and **Mr. AMAR SHAKYA** who has guided me a lot throughout the project development. If Amar Shakya would not keep on recalling us to do the project, I could not have completed it on time.

I would also thank my family who kept giving me moral and mental supports and thereby reducing the pressure.

Also I would like to acknowledge my course-mate who gave me the required help as needed. They helped me immensely when I got stuck in a few logical and coding problems. Apart from it, I even would like to acknowledge my group mate who equally gave it into the development of the project.

TABLE OF CONTENTS

SERIAL NO.		CONTENTS	PAGE NO.	
1.		Introduction	1	
	1.1	Domain Study	3	
	1.2	Statement of the problem	3	
2.		System Requirements	4	
2.1	2.1	Literature Survey	4	
		Existing System	4	
	2.2.1	Description	4	
	2.2.2	Drawbacks	4	
		Proposed System	5	
	2.3.1	Functional Specification	5	
	2.3.2	Benefits of the proposed system	6	
2.4		Hardware and software Requirements	6	
2.5		Tools survey	7	
3		Design Specification	10	
	3.1	Modular Design	11	
	3.2	System Design	12	
	3.2.1	Data Flow Diagram	12	
	3.2.2	E-R Diagram	16	
	3.2.3	Data Dictionary	21	
4.		Implementation Details	25	
	4.1	Sample Code	27	
	4.2	Screen Shots	37	
5.		Testing	45	
	5.1	Test Cases	49	
6.		Conclusion	51	
	6.1	Advantages	52	
	6.2	Limitations	52	
	6.3	Future updates and modification	52	
7.		References	53	