A

PROJECT REPORT ON

"INVENTORY MANAGEMENT SYSTEM"

SUBMITTED BY

PATEL KIRAN AMRUTLAL

(PRNO: 04416004275)

TO THE PARTIAL FULFILMENT OF

BACHELOR OF COMPUTER APPLICATION

TILAK MAHARASHTRA VIDYAPEETH, PUNE

KHARGHAR [MUMBAI]

(2019-2020)

TILAK MAHARSHTRAVIDYAPEETH, PUNE

('Deemed University' under section 3 of UGC Act 1956 vide notification

NO.F 9- 19/85-U3 dated 24th April 1987 by the Government of India)

Vidyapeeth Bhavan, Gultekdi, Pune- 411 037

CERTIFICATE

This is to certify the project titled

"INVENTORY MANAGEMENT SYSTEM"

Is a bonafied work carried out by

PATEL KIRAN AMRUTLAL (PRN NO : 04416004275)

By Students of **Bachelor in Computer Application**

Semester 6th

Under Tilak Maharashtra Vidyapeeth in the Year 2020

Head of the Department   Examiner Internal   Examiner External

Date:

Place:

University Seal

GUIDE CERTIFICATE

This is to certify that the project "INVENTORY MANAGEMENT SYSTEM"

Has been satisfactorily completed by

PATEL KIRAN AMRITLAL (PRNO: 04416004275)

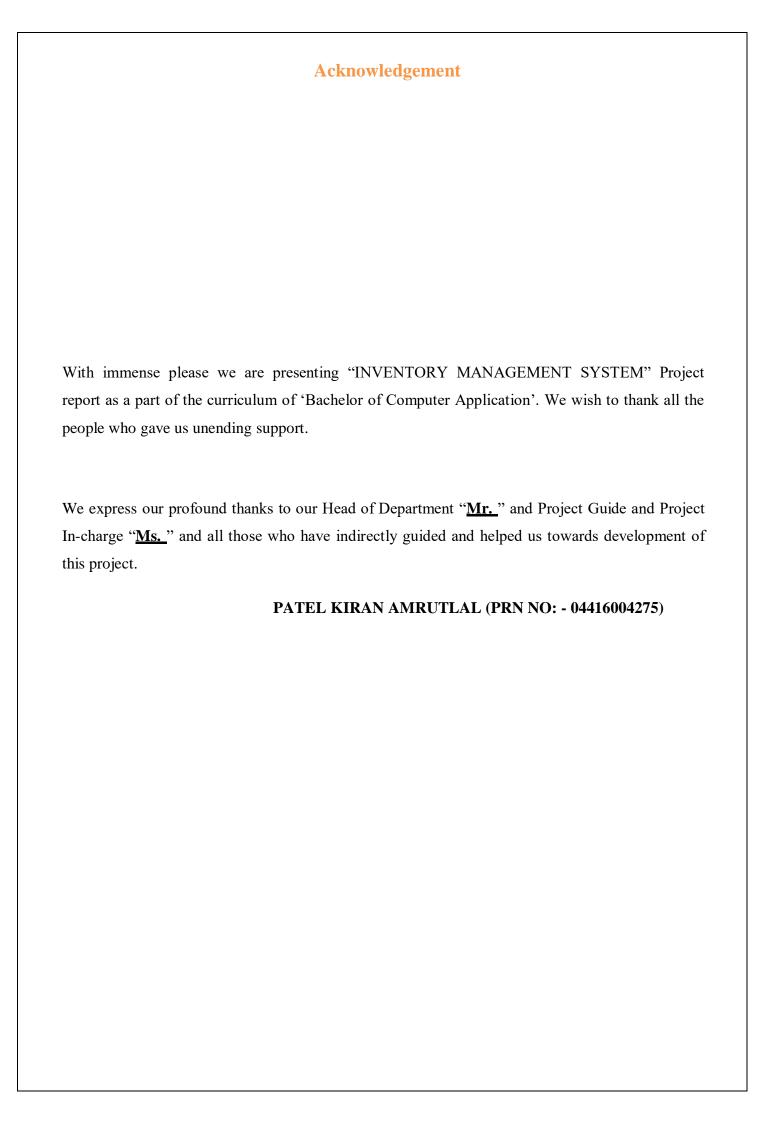Towards the Partial Fulfillment of the '**Bachelor of Computer Application'**,

For the Academic Year (2019-2020) at TMV COLLEGE STUDY CENTRE,
KHARGHAR [MUMBAI]

Tilak Maharashtra Vidyapeeth, Pune (Faculty of Distance Education), And it is

Approved.

 Project Guide   EXAMINER   Head of Department
MS.   **Mr.**

Acknowledgement

With immense please we are presenting "INVENTORY MANAGEMENT SYSTEM" Project report as a part of the curriculum of 'Bachelor of Computer Application'. We wish to thank all the people who gave us unending support.

We express our profound thanks to our Head of Department "**Mr.** " and Project Guide and Project In-charge "**Ms.** " and all those who have indirectly guided and helped us towards development of this project.

PATEL KIRAN AMRUTLAL (PRN NO: - 04416004275)

Project Synopsis

This software project is a traditional billing system. This system is built for fast data processing and bill generation for customers. The system consists of an MS-SQL Database and effective front end designed in C#. The database is a collection of product name, price and other product specific data. A product when billed is searched from the database and its price is added to the bill based upon the product quantity. The billing system is built to help calculate and display bills and serve the customer in a faster and efficient manner. This software project consists of an effective and easy GUI to help in easy bill calculation and providing an efficient customer service.

Goals

- Reduces much of human efforts in calculating bill especially for huge products.

- It provides accuracy and faultless in billing calculations.

- Easy and Attractive GUI to manage.

- Fast Processing.

- Security of details and credentials added in the system.

- Necessary validations implemented in the system to avoid invalid details to be added in the system.

Advantages

- It offers offline capabilities.
- The application if implemented is cheaper for long term perspective.
- The application does not require third party support for backups.

Disadvantages

- It relies on the computer speed.
- Multiple users cannot access the application at the same time.

Requirement Specifications:

Name of Component	Specification
Operating System	Windows 7 and Above.
Language Used	C# & SQL.
Database	MS-SQL Server.
Development Platform	Visual Studio 2015 MS-SQL Server 2014 Enterprise
Processor	2.0 Gigahertz with Dual Core or Above.
Printer	Optional.

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