

“Store Management System”

Synopsis submitted to the IIMT College of Engineering, Greater Noida in partial fulfillment of the requirements for the award of the Degree of

B.Tech

In

(Information Technology)

By

Richa Gupta 1902160130039 4th year

Full time

Under the guidance of

Ms. Laveena Sehgal



IIMT COLLEGE OF ENGINEERING, GR. NOIDA

(Department of Information Technology)

(SESSION:2022-23)



CERTIFICATE

This is to certify that **Richa Gupta 1902160130039** has carried out the Mini project entitled as “**Store Management System**” during his 7th semester under the supervision of **Ms. Laveena Sehgal** in partial fulfillment of the requirements for the award of Bachelor of Technology degree in the department of Information Technology, IIMT College of Engineering.



DECLARATION

We students of 7th semester hereby declare that this project entitled “**Store management system**” has been carried out by us in the Department of Information Technology of IIMT College of Engineering under the guidance of **Ms. Laveena Sehgal**.

Name

Richa Gupta

Signature

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Place

IIMT College of Engineering,

Greater Noida.

Date:

.....



ACKNOWLEDGEMENT

We would like to acknowledge and express my deepest gratitude to **Ms. Laveena Sehgal** for the valuable guidance, sympathy and co-operation for providing necessary facilities and sources during the entire period of this project.

I wish to convey my sincere gratitude to the Head of Department and all the faculties of IT Department who have enlightened me during our studies. The faculties and cooperation received from the technical staff of Department of IT is thankful acknowledged.

1. Richa Gupta (Roll No. 1902160130039)

Store management system

Objective

The main aim of Stores Management System is the automation of all processes for which stores are used like, maintenance and operation works, capital works etc. This automation will almost eliminate the need of clerical staff which works in the technical and account domains in the store. The modern software will be quite efficient in performing the processes and will be proved cost-effective. Also, it will eliminate human errors.

Existing System

In the existing system, open source technologies are used for carrying out the activities of Stores Management System. It is developed using the older platform of windows, i.e., WINDOWS 2000 PROFESSIONAL. It used 'POSTGRESQL' as a database platform. In fact, open source technologies are used in all the branches of the power distribution company. Graphical User Interface (GUI) mode is used for effective interaction with the users.

Proposed System

In this project, we will create a web based system which would facilitate a manufacturing firm to create a schedule of all its important operations on a daily basis. The details of the updates about the sales will be provided by its dealers. Once a dealer will enter the sales updates of items on the website for the previous week, along with the next delivery orders, the schedule for the production in upcoming week will be automatically generated. On inputting the correct product requirements and quoting their respective rates, the system will produce the report of all raw materials required. After quoting the rates, the order will be automatically placed and that too on expected delivery schedules

Modules

This project mainly deals with two modules- reports module and material issues module.

Material issues module- It deals with the application's specific functionalities. Two main material issues are –issues aroused when the work is allocated according to field requisitions and issues which are related to inter-store works. For both these operations, the gate passes will have to be issued.

Reports module- In this, we basically deal with the Reports that will be generated by the application. Reports are the actual result of a particular process and are basically generated on a monthly basis. The reports which are basically included in the module are SIB Report, SRB report, Issues report of respective sessions, stores abstract, Ledger reports, details of work orders and stock reports.

Software Requirements

1. Windows 2000 professional
2. Apache Tomcat Web Server.

3. PostgreSQL
4. JBOSS
5. J2EE
6. JSP and SERVLETS
7. Javascript
8. Java

Hardware Requirements

1. Hard Disk – 20 GB.
2. RAM – 1 GB.
3. Processor – Pentium IV
4. Mouse.
5. Keyboard.
6. Monitor.