**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.