**Project Report**

**Internet and Web Programming**

Stock Management System

Under Guidance of

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Group Members

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Abstract

Every Business who wants to be succesfull is changing its software system into ERP Software. ERP Software can benefit a company in various forms. ERP Modules consists of Financial Accounting , HR Management , Stock Management , Supplier Chain , Customer Relationship , Plant Maintenance , Employee Payroll etc. We are implementint Stock Management Module of ERP Software System for a Manufacturing Small Scale Industry. At the end of project we will show you Online Stock Management System.

Modules

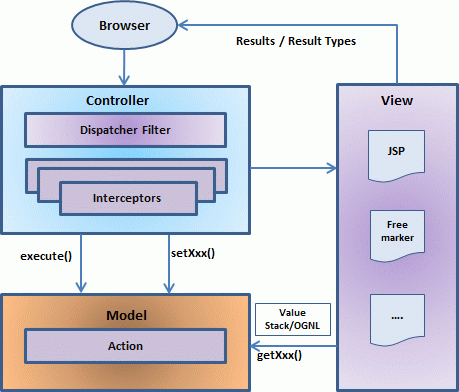
**Module 1 Requirements and Design Phase**

* Analyzing the Problem and Designing Solution
* UML Diagrams – Usecase , Class , Component , Deployment etc
* Software Design Diagrams - JSP , JSP , SADT , SSA/SD
* Software Architecture – MVC Architecture Model

**Module 2** **Implementation** **Phase**

* In this we will code our project using MVC architecture.
* We will use html ,javascript ,jsp for presentation purpose.
* Java bean classes ,Servlets ,Filters for business logic.
* Hibernate Framework to map our classes to mysql database
* Strurts 2 framework to maintain mvc architecture

MVC Architecture

[](http://www.google.co.in/url?sa=i&source=images&cd=&cad=rja&uact=8&ved=0CAgQjRw&url=http://www.tutorialspoint.com/struts_2/struts_architecture.htm&ei=sO88VOTmBIKJuASipIGICQ&psig=AFQjCNGe3NOUftZYE72eM8rRdW62N3ZDzg&ust=1413366064163366)

MVC

Model -> Java Beans , POJO , Entity Classes , Struts Action Classes

View -> HTML , JSP , JavaScript , CSS , JQuery , AJAX

Controller - > Filters , Servlets

Software Tools

Netbeans 8.0 ,

Notepad ++

MySQL 5.4

Apache Tomcat Server

Framework

Struts 2

Hibernate 4