



Case Study: Siddhibinayak Traders

Technical Skill: Java/J2EE, MySQL, Struts 1.1, Tomcat 5.5,

CLIENT NAME	COUNTRY	SOLUTION AREA	STATUS
Siddhibinayak Traders	India	Grocery Retail Management System	Completed

Overview

This is a basically ERP software. This Software contains several management parts including SCM (Supply Chain Management), CRM (Customer Relationship Management), VRM (Vendor Relationship Management), HRM (Human Resource Management) etc. This Software helps to maintain all these modules individually. All these modules are integrated under a Unified Database.

Functional Area

There are four modules in this Software. All modules are broadly present in this ERP software. The Software is collection of two parts.

First one is “**ADMIN**” and the Second One is “**OPERATOR**” part.

From the Admin module, the inventory Part that is stock management is controlled here. There is also CRM i.e. Customer Relationship Management and also the VRM, i.e. Vendor Relationship Management controlled from this “ADMIN” part. Another functional part is that “Report part”. Through this software the all reports is generated automatically. It is also controlled from admin module. Now the second part is “Operator” Module. From here the Order Management module is organized. It is also called POS i.e. Point of Sale. According to the Customer’s Orders, the Software place the Order and calculate Price.

Technical and Architectural Area

This Software is developed by JAVA language. For developing this software we used the J2EE Part of Java language. In this J2EE part we used The Struts technology. It’s based on MVC2 Architecture. That is Model, View, and Controller. Here we use “Action” class as a controller. JSP part as a View purpose. and for model Purpose we use DAO class. (Data Access Object). Here we also maintain or use an Abstract Factory design pattern. We use Tomcat server i.e. web server for deploying the “WAR” file.

Technical Specifications

Key Components	
Front End	Java/J2EE
Technology	Struts 1.1
Web Server	Tomcat 5.5
Database	MySQL