**Project on Sun-Shine Farm**

I have developed this project **Farm Management System** on **Java, JSP and MySQL** Platform and it runs over the Tomcat Server. The main objective for developing this project is to manage the activities of two types of user. There are two type of users in this project, first one is admin and second one is customer. Admin will be able to manage information about crops, equipment, insecticides, pesticides etc. Customer can see all the information about crops, equipment etc. This project provides a lot of features to manage the products in very well manner.

**Modules and Description of Farm Management System Project:**

**Crops Module:**

The main purpose of this module is provide all the functionality related to crops. Crops Module is an important module in this **major java project Farm Management System** which has been developed on **Java, JSP and MySQL**. We have many collections of java software projects with source code. It tracks all the information and details of the crops. We have developed all type of CRUD (Create, Read, Update and Delete) operations of the crops. Customer can search anything related crops by this module.   
  
**Features of Crops Module:**

* Admin can add new crop records
* Admin can see the list of crop details
* Only admin can edit and update the record of the crops
* Admin will be able to delete the records of the crops

**Equipment Module:**

The main purpose for developing this module is to manage the equipment. So all equipment will be managed by admin and customer will be able to see all the information about equipment.   
  
**Features of Equipment Module:**

* Admin can manage the equipment
* Admin can edit/delete the equipment
* Admin can see the list of all equipment
* Customer can see equipment

**Insecticides Module:**

The main aim for developing this module is to manage the Insecticide data wise. So all insecticide will be managed by admin and customer will be able to see all the information about insecticide. Admin can see the list of all the insecticide and filter it according to the customers.   
  
**Features of Insecticide Module:**

* Admin can manage the insecticide
* Admin can edit/delete the insecticide
* Admin can see the list of all insecticide
* Customer can see insecticide

**Pesticide Module:**

The main aim for developing this module is to manage the pesticide data wise. So all pesticide will be managed by admin and customer will be able to see all the information about pesticide. Admin can see the list of all the pesticide and filter it according to the customers.   
  
**Features of Pesticide Module:**

* Admin can manage the pesticide
* Admin can edit/delete the pesticide
* Admin can see the list of all pesticide
* Customer can see pesticide

**Functionality performed by Admin user:**

**These are the functionality performed by the admin users.**

* Login For Admin
* Forgot password for Admin
* Edit Profile For Admin
* Change Password For Admin
* Logout Functionality
* Dashboard for Admin User
* **Manage Crops**
  + Adding New Crops
  + Edit the Exiting Crops
  + View details of the Crops
  + Listing of all Crops
* **Manage Equipment**
  + Adding New Equipment
  + Edit the Exiting Equipment
  + View details of the Equipment
  + Listing of all Equipment
* **Manage Insecticides**
  + Adding New Insecticides
  + Edit the Exiting Insecticides
  + View details of the Insecticides
  + Listing of all Insecticides
* **Manage Pesticides**
  + Adding New Pesticides
  + Edit the Exiting Pesticides
  + View details of the Pesticides
  + Listing of all Pesticides
* **Manage System User**
  + Adding New System User
  + Edit the Exiting System User
  + View details of the System User
  + Listing of all System User
* **Reports of the project Farm Management**
  + Report of all Crops
  + Report of all Equipment
  + Report of all Insecticides
  + Report of all Pesticides
  + Report of all System Users

**Functionality performed by Customer user:**

* **Customer Registration:** Any customer can register on website using the registration module.
* **Customer Login:** This is the login form, from where customer can login into the system
* **Equipment and Information:** This is the equipment and information form in this project where customer can see information about equipment.
* **Insecticide and Information:** This is insecticides and information form in this project.
* **Pesticides and Information:** This is the pesticides and information form.

**Technology Used in the project Farm Management System**

**I have developed this project using the below technology**

* HTML : Page layout has been designed in HTML
* Bootstrap & CSS : Bootstrap & CSS has been used for all the designing part
* JSP : All the front end logic has been written in JSP
* Java : All the business logic has been written in Java
* MySQL : MySQL database has been used as database for the project
* Tomcat : Project will be run over the Tomcat server