* 1. **Project title**

Sugar Processing Inventory System

* 1. **Objectives**

The main objective of Sugar Processing Inventory System project is to develop a web application for Sugar processing Company to handle their inventory records, customer details, sales and purchase details, account details, product details and employee details. Using this website main branch management can track all the transaction and inventory records without visiting sub branches.

In other words my project has the following objectives:-

* + Make all the system computerize
  + Reduce time consumption
  + Increase quality and Reduce error scope
  + All system managements are automated
  + Centralized database management
  + No paper work requirement
  1. **Project category**

This project is a web based application comes under the **Relational Database Management System (RDBMS).**

* 1. **Tools/ Platform**

**Front End:** PHP

**Back End:** MySQL Server

* 1. **Hardware requirements specification**

**Processor:** Pentium- II or higher

**Hard Disk Space:** 40 GB (min.)

**RAM Memory:** 512 MB

* 1. **Software requirements specification**

**Operating system:** Windows XP/Windows 7/ Windows 8/Windows 10

**Server:** Apache server 2.4.7

**Scripting language**: HTML, CSS, PHP 5.4 ,JavaScript, AJAX

**Database server:** MySQL server 5.5

**Integrated Development Environment (IDE):**Adobe Dreamweaver CS 6.0

**Introduction to Module**

This contains total 8 Modules

1. **Purchase Module:**

This contains purchase details of the company which includes Quantity, Date of purchase, Bill Number, Type of the coconut and other details of purchase.

1. **Sales Module:**

This contains sales details of the company which includes fields like Product ID, Date of sales ,Bill Number, Quantity, amount.

1. **Employee Module:**

This contains information about the Employees under different department which includes Name, Date of Birth, Gender, Designation.

1. **Account Module:**

The Account details includes companies details like Amount spent and amount gained, Salary of the Employee and other amount details.

1. **Product Module:**

This contains information about company product which includes Product name, Product Number, and Description About the product.

1. **Customer Module:**   
   This gives information about customers of the company and it includes customer name customer Id, customer address and other Payment related details.
2. **Seller Module :**

This includes information about seller of coconut to the company with their Personal details.

1. **Stock Module:**

This gives the detailed description of the product in stock and specifies the qty of the individual product in stock .