**SYNOPSIS**

**Title of the project:**

IAgro

**Objective of the project:**

The main objective of developing iAgro application is to help farmers by providing all kinds agriculture related information in the website. iAgro is farmer management website application which helps farmers to give best-practice farming processes. It helps farmers to improve their productivity and profitability. It enables farmers to sell their productions through online and farmers can purchase tools and seeds directly from seller. Farmers can view labours profile and they can hire labours.

**Modules:**

* Customer account module
* Product module
* Category module
* Location module
* Production module
* Purchase request module
* Purchase order module
* Seller module
* labor module
* Work request module
* Article and blog module
* Dashboard module

**Project Category:**

RDBMS (Relational Database Management System)

**Languages used:**

Design and interface: HTML, CSS

Programming Language: PHP

Scripting Language: AJAX, Javascript

Database: MySQL Server

**Hardware requirements:**

* Operating system: Windows XP/Windows 7/ Windows 8
* Processor : Intel Core Duo 2.0 GHz or more
* RAM : 1 GB or More
* Harddisk : 80GB or more
* Monitor : 15” CRT, or LCD monitor
* Keyboard : Normal or Multimedia
* Mouse : Compatible mouse

**Software requirements:**

* XAMPP 1.8.2
* Apache server 5.4.19
* MySQL Server 5.4
* Adobe Dreamweaver CS 6.0
* Browser : Google chrome, Mozilla firefox

**Innovative and Usefulness:**

* The farmers can sell their productions through online and the buyer can purchase the seeds and products through online. Buyer can send purchase request to check the quality of the product.
* After collecting all the production from the customers, it should be sold to the sellers. Thus the product should be shipped by the company. This module covers these entries and the charge details of shipping also be entered. The Payments will be received from the seller once the product delivered to the seller..
* There are 4 types of users Customer, farmers, sellers, administrator. The login id and password must required to login the system.
* The article and blogs sections helps farmers to improve their productivity and profitability.
* Administrator can view and print all kinds reports.

**Future scope of the Project:**

* In future we can make android or Iphone based application for this project.
* In future we can add SMS notification instead of Email alerts.