**Agriculture Updates(Kisan Seva) Android Project**

**Abstract**

**Agriculture** is a android based application which provides information to farmers regarding different crops and farming practices and other agricultural products. It is dynamic and interactive to take in the feedback and other input from the end users and can guide people regarding the different procedures that need to be adopted. This project shows a simulation of live environment which takes different aspects into consideration like market-demanding-supply, production forecast, fertilizer preferences etc.

**Existing System**

The paper [3] discusses about Indian agriculture based developing country. Information dissemination to the knowledge intensive agriculture sector is upgraded by mobile-enabled information services and rapid growth of mobile telephony. It bridge the gap between the availability of agricultural input and delivery of agricultural outputs and agriculture infrastructure. Apart from this, they are also useful in our day-to-day activities such as education, medical and agriculture. This paper explores how Android Apps of agricultural services have impacted the farmers in their farming activities.

**Proposed System**

In comparison to the present system the proposed system will be dynamic, precise and provides complete information related to crop production, methods, technology, tools and crop protection. It also provides facility to watch & upload video and chat with agriculture expert. User and technical person need to be registered in order to access information provided by the admin. Registration provides authentication to the user/technical. Technical expert and user can have discussion. This helps the user to have even much more clarity about the things that they want. After student can login to their respective profile with the help of username and password where they are updated with crop information. If in case, admin feels that registered profile is not genuine, he can deactivate the profile at any time.

**Implementation**

**Modules**

Admin Module

1. Login

2. Add crops

3. Update crops info

User Module

1. Registration
2. Login
3. View crops

Technical expert Module

1. Registration

2. Login

3. chat

**HARDWARE REQUIREMENTS:**

* System : Pentium IV 2.4 GHz.
* Hard Disk : 40 GB.
* Ram : 512 Mb.

**SOFTWARE REQUIREMENTS:**

* Operating system : Windows 7
* Coding Language : Java 1.6
* Tool Kit : Android 2.2
* IDE : Eclipse kepler