

# FARMER BUDDY APPLICATION FOR AGRICULTURE

Prof. S.L.Farpat<sup>1</sup>, Ms. Swapnali Surwade<sup>2</sup>, Mr Aakash Meshram<sup>3</sup>, Vaibhav Adhaves<sup>4</sup>  
Amit patil<sup>5</sup>

<sup>12345</sup> *Department of Computer Science & Engineering, Dr.V.B.Kolte College of Engineering, Malkapur, Maharashtra.*

## ABSTRACT

*Farmers are the main actors and play significant role to develop agriculture. They cultivate the land, grow the plant, and harvest the crop. For farming farmer need different types of tools instrument seeds etc is get easily to the farmer. Our system has been developed to overcome the problem diffusion in manual system of practice. This application is supported to remove and in some cases reduce the burden on this existing system. Besides this system is designed according to the specific needs of the company's work smooth and effective way. Use of resources every organization, be it big or small, has to overcome and manage challenges, information on crops, farms, pesticides, equipment, pesticides each area*

## 1. INTRODUCTION

This is an android based project which is useful for farmers and agricultural. In this project the farmer get direct information from the admin, the user sends a query to the admin and getting solutions from the admin, the user should know which abbreviations is better for certain requirement

This is an open discussion application providing solutions to small farmers and agricultural people. It also provides soil analysis for all regions and suggestions on which fertilizers to use where and how much? And which crop, herb or vegetable to be grown where and in which season? Information about major crop markets and their current price for the crop will be published daily. The information was available on this application using following module:

## 2. RELATED WORK

**ADMIN:** login into the application by giving username and password, admin can add the seasons, season time and view the queries sent by the user and admin sends the solution to the user.

**USER:** The user will register and login into the application by giving username and password. The user sends the queries to the admin, the user gets the solution from the admin.

NGO's are trying to spread messages to make agriculture more eco-friendly through this site. This also includes training scheduled by agricultural officers. We also provide message facility which is useful for farmer. Training is requested by students, general public. Training provides information about crops, fertilizers, and market details that are requested. Online query handlings for all users. Queries can be posted by students, general public through mails

## 3. OBJECTIVE

- To aware the farmers about newest technologies, effective guidance, and experiences of other farmers.
- To help Indian farmers for making decisions through customized information related through their needs.
- To provide convenient and useful medium, It gives us the guideline for doing the proper scientific of the farming, crop cultivation, sowing or harvesting of any crop.
- To solve their farming problems easily related to test or insect attack or any problems which put them in difficult situation

## 4. Need of System

- A better understanding of your farmland
- Better planning
- Better risk management
- Cost-efficient
- Cuts down labour costs

## 5. Conclusion

Hence we concluded the project of farming application is an initial proposal to show that this kind of information system is forcible. The real benefit of this type of information system to agricultural based country & farmers that can be seen when it became operational as planters, importers, exporters, researchers, will have access to up to date information. In addition to that the entire major Institute should be provided with internet access and the necessary human recourse personals to make this project are reality. Voice assistants are all written in programming languages, which listens the verbal commands and respond.

## 6. REFERENCE

1. Agriculture through the Laboratory and School Garden 1st 1905, 3rd 1913, by Jackson & Daugherty, Orange Judd Pub. 450 pages, tables & illus.
2. Gardening for Profit Peter Henderson, first ed. 1887, Orange Judd, 2nd ed. 1991 American Botanist, diverse pagination +/- 300.
3. Fields, Factories and Workshops of Tomorrow, 1899, 1909, 1919, 1968 and 1985 Peter Kropotkin writer and Colin Ward editor; Chapter 2, Pages 47-116, Freedom Press, London.
4. The Story of Gardening, Martin Hoyles, 1991, Journeyman Press, 315 pp., illustrated.
5. Greening of Public Housing 25th Anniversary Flier in 1957 by the NYC Public Housing Authority
5. Google for problem solving
6. Head 1<sup>st</sup> Java 2<sup>nd</sup> Edition
7. <http://www.jsp.net/>
8. <http://www.tutorialspoint.com/mysql>