

# Secure Farmers Corner Implementation using Android based Development

Musale.D.S.<sup>1</sup>, Kadam Shravani<sup>2</sup>, Sonawane Bharati<sup>3</sup>, Salunkhe Bhavika<sup>4</sup>, Pawar Prerna<sup>5</sup>

<sup>1</sup>Professor, Dept. of Computer Technology, Amrutvahini Polytechnic, Sangamner

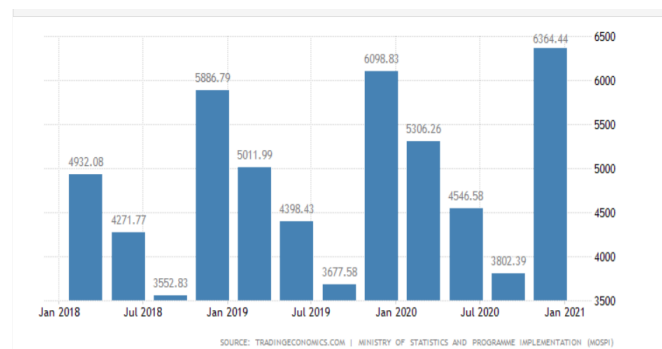
<sup>2-5</sup>Student, Dept. of Computer Technology, Amrutvahini Polytechnic, Sangamner

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**Abstract** - The gift of green revolution is the beginning of modern agriculture. From there we started seeing new forms of agriculture. That journey continues to this day but we keep seeing the same thing. Like a fox who jumps and does not get grapes. What? That knowledge.. yes knowledge. So this is just a small attempt to provide information from the app. The following important topics are covered in this app. Farmers, Agricultural crops, Agricultural management, Modern agriculture, Weather, Business related to agriculture, Online 7/12 excerpt, Laws regarding lands .

## INTRODUCTION

India is an agricultural country. 80 to 90% of the people depend on agriculture for their livelihood. Due to a lack of proper knowledge of fertilizers, pesticides, and spraying and how often and how much to apply, crop yields are reduced and soil fertility is also reduced and farmers have to bear huge losses. The various schemes for agriculture are implemented by our government but they cannot avail the benefits of those schemes as they do not have sufficient information. We have come up with an application only for the benefit of farmers. All the information regarding the crop of chemical fertilizers will be on this app. Information on government schemes can be found on this app. So farmers can avail the benefits of those schemes. All these can increase production.



India's farm growth from 2018-2021

## 1. USER BASED PROBLEMS

1. Many applications force the user to register without having shown anything of what they can offer. This is one of the most frequent errors in the level-oment of apps.

2. Mobile devices especially smartphones are not the most comfortable elements when filling pages and pages of registration forms.

3. Lack of vision about the use of mobile technologies.

4. Reaching offline customers who do not access the internet makes the process difficult.

5. Problems related to applications like not working properly or running slowly.

## 2. LITRETURE REVIEW

Applications like Information and Communication Technology in agriculture are important. E- Agriculture involves the formulation, different designs, development, and application of creative communication technology in the outback. With a primary focus on Agriculture. Information system enables a farmers to have specific information about harvest. Such as different varieties use the information and focus on agriculture and their Specific needs like soil, temp, fertilizers, time of planting, maturity. Distances between plants, Rainfall, Sun rays, etc. Of that crop. This application calculates the volume efficiency of the harvest yield.

### 2.1 PROBLEM IDENTIFICATION

The big problem of agriculture farmers is the unequal amount of sources and less knowledge to encourage their productivity do not cognizant of the various government scheme and another big issue is considered. But Sometimes natural disasters like storms, earthquakes, landslides, and changes in the weather is responsible for the growth of Crop

### 2.2 USER INTERFACE

1. Front end software: ASP.NET, Internet Explorer 7.0 above/Firefox 3.6 and above/chrome.

2. Back end software: Microsoft SQL, Server 2005

### 2.3 SOFTWARE QUALITY ATTRIBUTES

1. Availability: User must be registered.

2. Correctness: User must give correct user id and password while login in software.



## BIOGRAPHIES



Prof. Musale. D.S, Dept. of  
Computer Technology,  
Amrutvahini Polytechnic,  
Sangamner



Shravani Kadam Student, Dept. of  
Computer Technology,  
Amrutvahini Polytechnic,  
Sangamner



Bharati Sonawane Student, Dept.  
of Computer Technology,  
Amrutvahini Polytechnic,  
Sangamner



Bhavika Salunkhe Student, Dept.  
of Computer Technology,  
Amrutvahini Polytechnic,  
Sangamner



Prerna Pawar  
Student, Dept. of Computer  
Technology, Amrutvahini  
Polytechnic, Sangamner