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Farmers Buddy Website Using HTML & CSS

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ABSTRACT: Farmer Buddy is an open discussion portal developed using HTML, CSS, JS, PHP, Bootstrap programming languages with the MySQL database. It is an agricultural portal which gives solutions to the farmers and students of agricultural studies in India. Farmers Buddy aims to disseminate useful information about improved technology to the farming community and service providers in the rural areas. The major focus of Agriculture sector presently in the in this portal, is pertaining to various sections like questions and answers of farmer queries, fertilizer information, crop information, Training.

I. INTRODUCTION

This is a web-based project which is useful for farmers and agricultural students. This is an open discussion portal providing solutions to small farmers and agricultural students. We know that various farm-related tools are needed to the farmer. It also helps the NGO's to get valuable information regarding soil and fertilizers and also crops. It also helps the agricultural students to get practical information regarding various crops. It also helps the farmers through NGO's to get information regarding soil, crops in awareness programs being conducted in villages.

Objective:

The main objective of the project is to provide information to the farmers and agricultural students. It provides better solutions for farmers in providing the information regarding soils, fertilizers. It helps the users in getting training regarding various technologies that can be used in farming. Developing a user-friendly agricultural Information System for the worldwide web which fulfills the Agriculture Interested People's requirements. Database updating can be done by authenticated users in the research institute through the Internet.

Is it Beneficial for farmers?

Yes, of course it will be helpful to every villager right from the school-going students up to educated employees and the simple worker of the village. As it covers each and every part of the activity of village which is supposed to be done for the welfare of the villagers. It provides each update regularly and it is easily accessible by the ordinary people too.

Project Scope:

- Any user can retrieve data from the Information System.
- Authenticated users in each major Institute are given permission to insert information through the internet but not to delete.
- Only data administrator can delete unnecessary information and modify the database.

Working

This is a web-based project which is useful for farmers. This is an open discussion portal providing solutions to small farmers. 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? It also helps to make decisions on market and best prices. Information about major crop markets and their current price for the crop will be published daily. So from this way our project works from farmers and their query or question asked by them.

Software Required:

- Operating System: Windows XP/2003 or Linux
- User Interface: HTML, CSS Client-side
- Scripting: JavaScript Programming Language: PHP, Bootstrap
- Web Applications: JDBC, JSP
- Database: MySQL

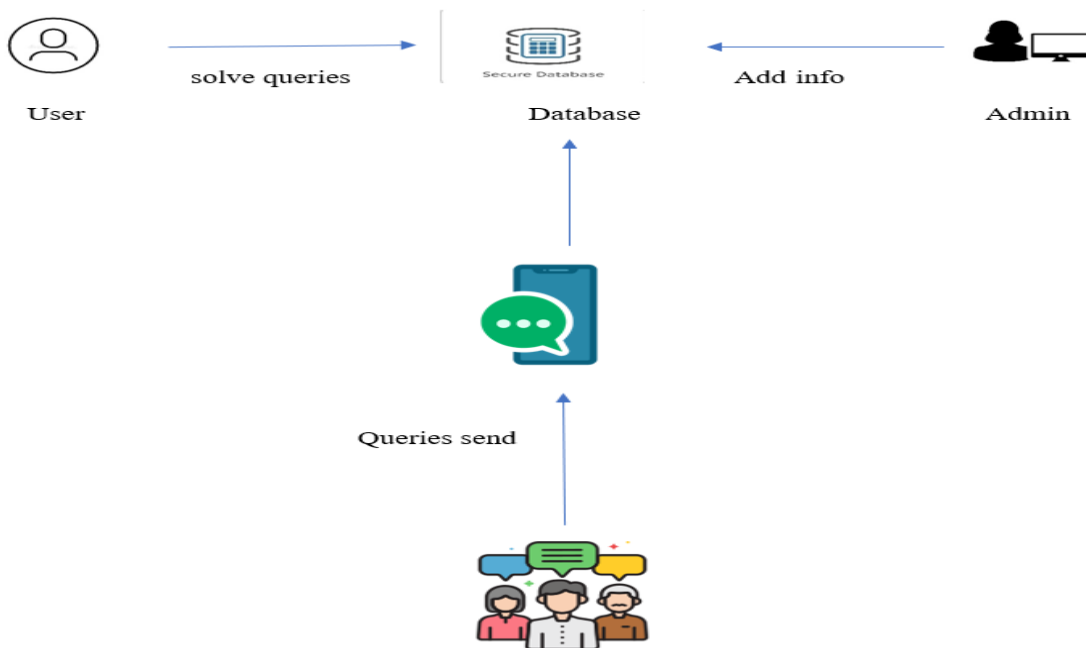
Hardware Required:

- Processor: Pentium IV Hard Disk: 40GB RAM: 512MB or more.

II.PROPOSED SYSTEM

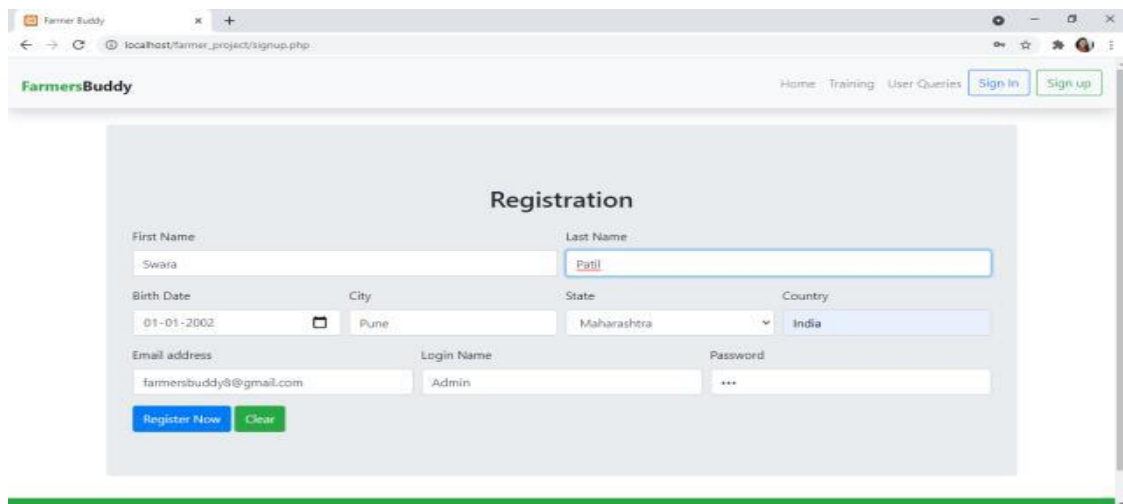
Farmers Buddy is playing an important and vital role in agricultural production and Farmers or the extension personnel transmit those data via the Internet to database server. Further, information provides the farmer with an important instrument for decision making and taking action. Crops information service system should be created by the administrator. This system analyzes the crop data to create some statistical tables. Farmers can access these statistical data by browsing the homepage and make their production plan. Production equipment’s inquiry service system should be created.

System Architecture:

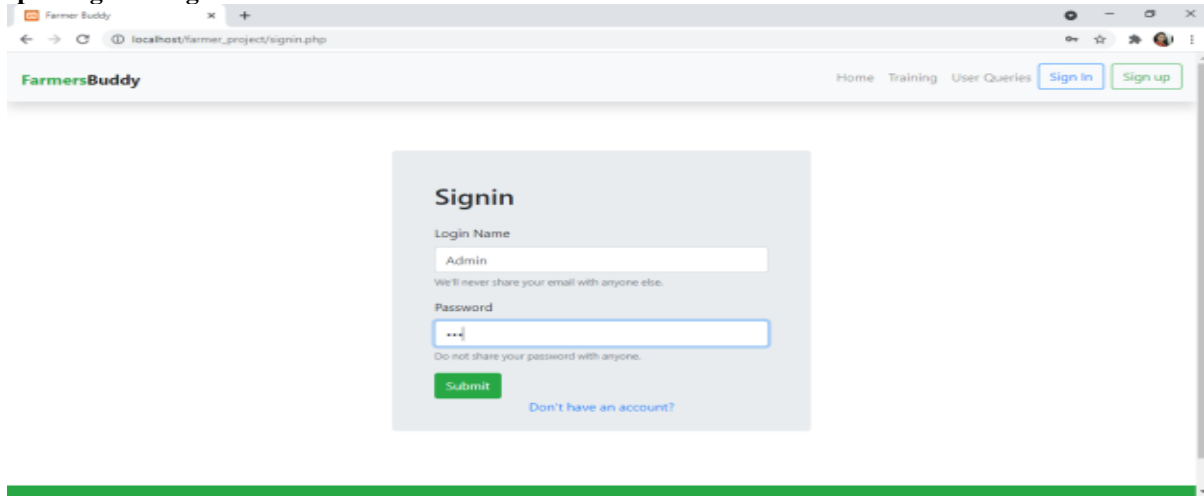


General public / Farmer
Fig.1 Architecture diagram

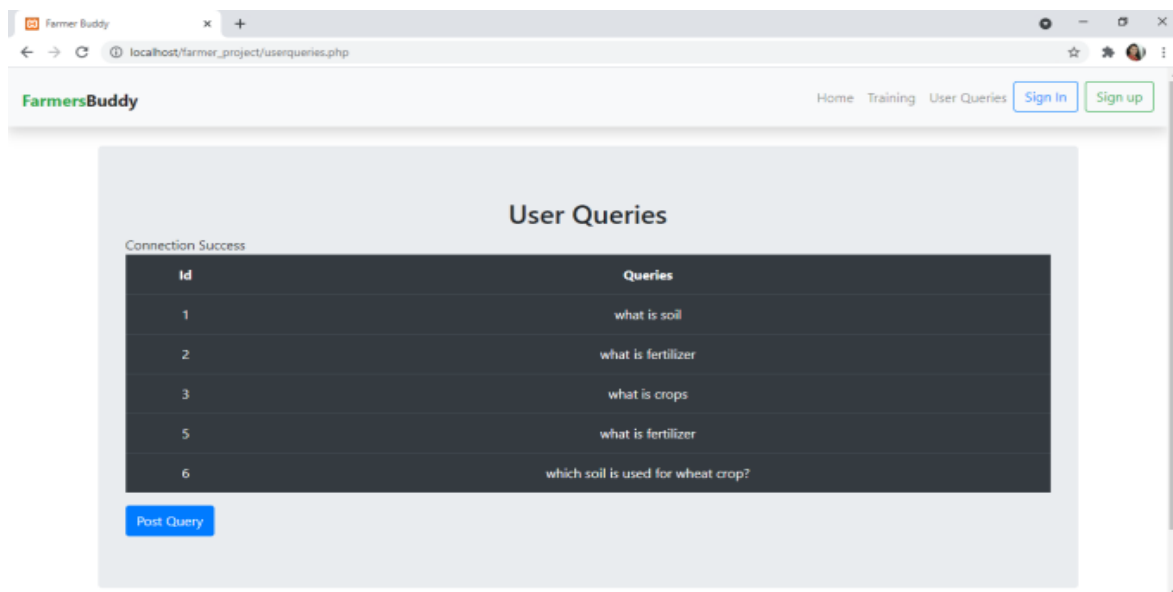
Screen- Step 1: Registration Page:



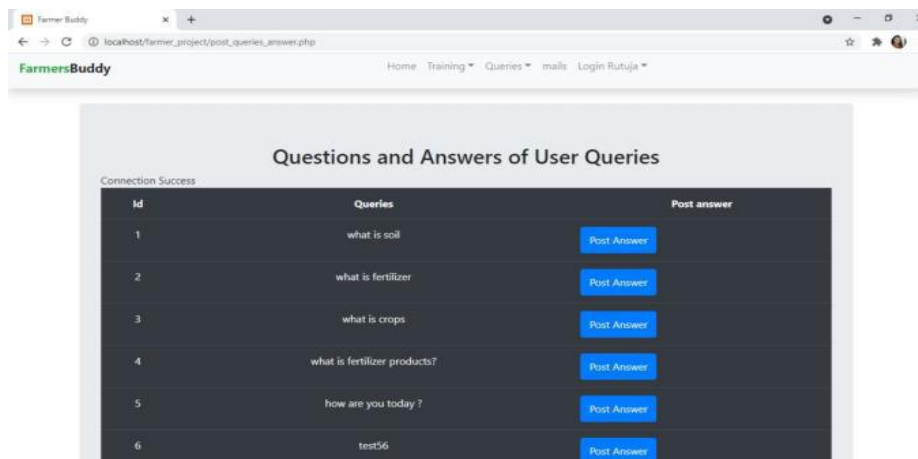
Step 2: Sign In Page:



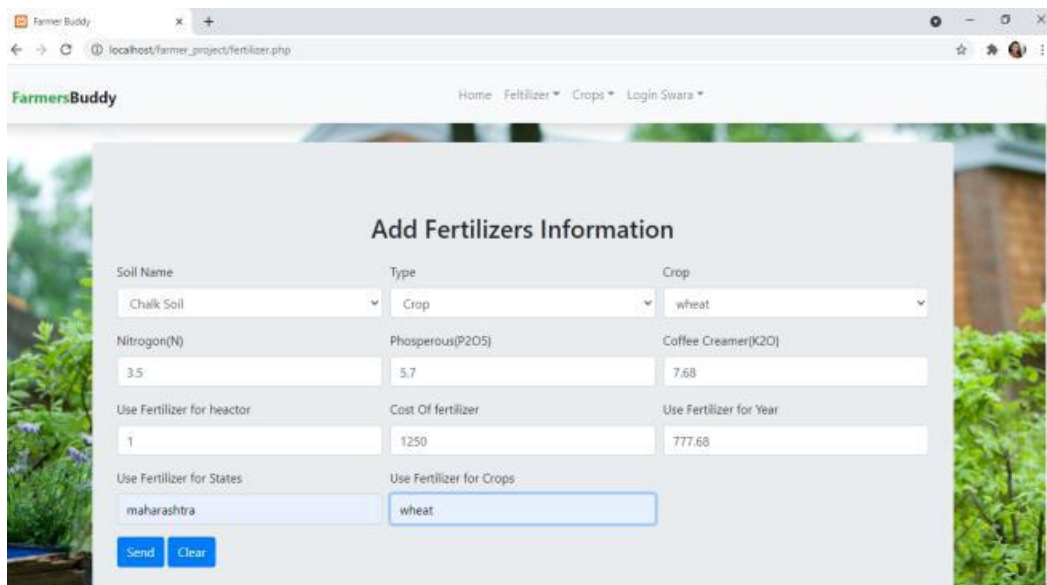
Step 3: Post Queries:



Step 4: Post Queries Answer:



Step 5: Add Fertilizer information:

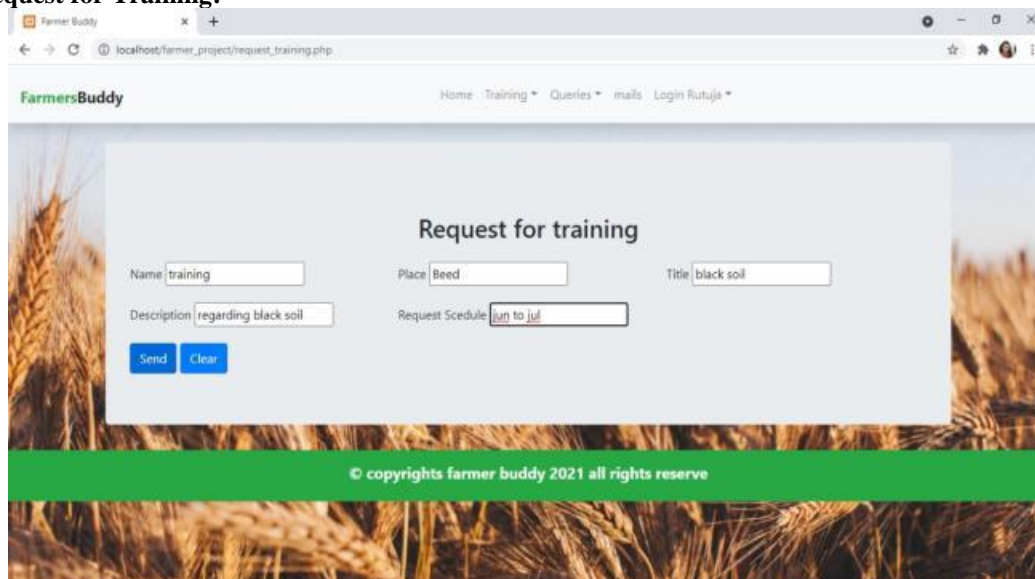


The screenshot shows a web browser window with the URL `localhost/farmer_project/fertilizer.php`. The page title is "FarmersBuddy" and the navigation menu includes "Home", "Fertilizer", "Crops", and "Login Swara". The main content area is titled "Add Fertilizers Information" and contains a form with the following fields:

Soil Name	Type	Crop
Chalk Soil	Crop	wheat
Nitrogen(N)	Phosperous(P2O5)	Coffee Creamer(K2O)
3.5	5.7	7.68
Use Fertilizer for heactor	Cost Of fertilizer	Use Fertilizer for Year
1	1250	777.68
Use Fertilizer for States	Use Fertilizer for Crops	
maharashtra	wheat	

At the bottom of the form are "Send" and "Clear" buttons.

Step 6: Request for Training:



The screenshot shows a web browser window with the URL `localhost/farmer_project/request_training.php`. The page title is "FarmersBuddy" and the navigation menu includes "Home", "Training", "Queries", "mails", and "Login Rutuja". The main content area is titled "Request for training" and contains a form with the following fields:

Name	training	Place	Beed	Title	black soil
Description	regarding black soil	Request Schedule	Jun to Jul		

At the bottom of the form are "Send" and "Clear" buttons. A green footer bar contains the text: "© copyrights farmer buddy 2021 all rights reserve".

III.CONCLUSIONS

By this project, we provide various information regarding soil, crops, fertilizers for farmers and also for the agricultural students. It also solves various queries posted by the users. It makes agriculture more eco-friendly.

IV.ACKNOWLEDGEMENT

It is a great pleasure for me to acknowledge the assistance and contribution of a number of individuals who helped me in developing "farmers buddy website". First and foremost I wish to record my gratitude and thanks to Mrs. K. C. Patil for his enthusiastic guidance and help in successful completion of Project work. I express my thanks to Prof. Mrs. S. Gaikwad (Principal), Mr. P. S. Chopade (Head of Computer Department) and Mrs. M.S. Patil (Project Coordinator) for



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