

AGRIMOBILE

Group Number IV Group Members

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- **INTRODUCTION**
- ABSTRACT
- EXISTING SYSTEM
- LITERATURE SURVEY
- 2015 IEEE Technological Innovation in ICT for Agriculture and Rural Development (TIAR)
- Providing Smart Agricultural solutions to farmers for better yielding using IoT.
- DATA FLOW DIAGRAM
- DESIGN
- CONCLUSION AND FUTURE WORK
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INTRODUCTION

- Agriculture, the backbone of Indian economy.
- Agrimobile provide relevant agriculture services for unorganized sector.
- Information related to crop production and protection.
- Doubt clearance and discussion
- Online purchasing .
- Selling.

- App developed for the members in FPO.
- FPO is one initiatives taken by the Department of Agriculture.
- Collaborated with Krishi Vigyan Kendra, Thavanur.
- Financial and technical advices are the major activities of FPO.

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- Android application.
- Useful for farmers agricultural institutes.
- Collecting information and suggest suitable crops.
- Social networking group for share experiences and knowledge.
- Add their vegetables along with its price.
- Purchase the vegetable with suitable prices.

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EXISTING SYSTEM

- Most agriculture apps deals with huge commodity and people.
- Problem of control and coordinate.
- Lack of a proper marketing channel distress sale.
- Wastage of products.
- Production of some crops exceeding and some crops below the requirement.

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- 2015 IEEE Technological Innovation in ICT for Agriculture and Rural Development (TIAR).
- Providing Smart Agricultural solutions to farmers for better yielding using IoT.
- Mobile information system for small-scale rural farmers.

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Providing Smart Agricultural solutions to farmers for better yielding using IoT.

- The field of Cloud computing is helping in leaps and bounds to improvise our age old business - Agriculture.
- Sensors to tools that observe data from agricultural field images and from human actors on the ground.
- Accurately feed the data into repositories along with their location as GPS co-ordinates.
- Sensors are now able to detect the position of water sources in a subject that is being investigated.

Providing Smart Agricultural solutions to farmers for better yielding using IoT.(Cond...)

- One of the answer to these types of problems is to help the farmers using modernization techniques.
- Combining the advantages of the major characteristics of emerging technologies such as Internet of Things(IoT) and Web Services.
- Combination of IoT and cloud computing that promotes the fast development of agricultural modernization.
- Smart solution for agriculture and efficiently solve the issues related to farmers.

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Mobile information system for small-scale rural farmers

- Ethiopia Commodity Exchange (ECX disseminating market information to small-scale farmers and market actors through mobile-based market information systems (MKIS).
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1 Farmers module

- Doubt Clearance.
- Fertilizers/pesticides information.
- Discussion.
- Purchasing marketing.

2 Customers module.

- Ordering.
- Purchasing.

1 Server

- Notification of message
- VNC server configuration
- Android VNC interface

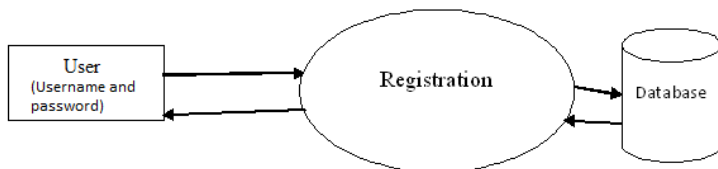
2 Notification

- Notify message
- Integration with webservice
- Integration with android client through webservice

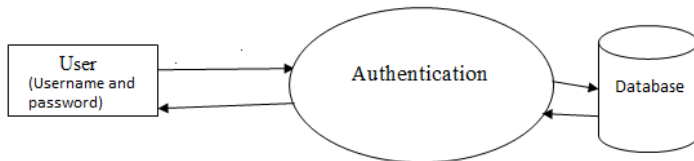
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DATA FLOW DIAGRAM

- User registration

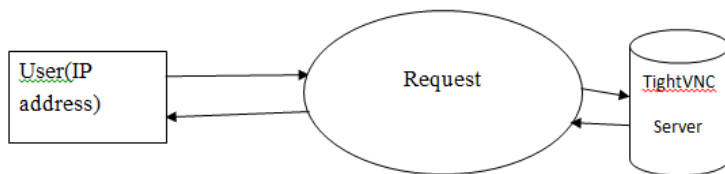


- User login.

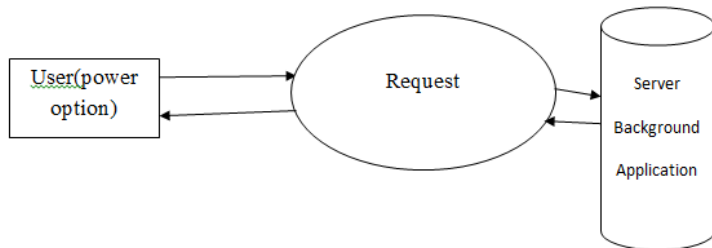


DATA FLOW DIAGRAM(Cont...)

- Remote desktop access

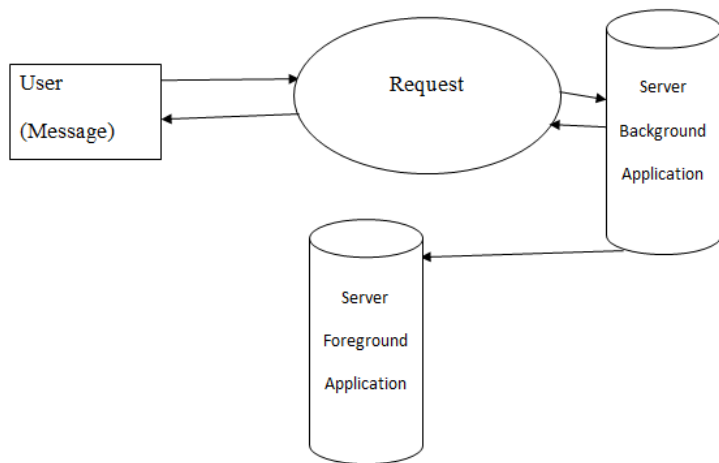


- Power options



DATA FLOW DIAGRAM(Cont...)

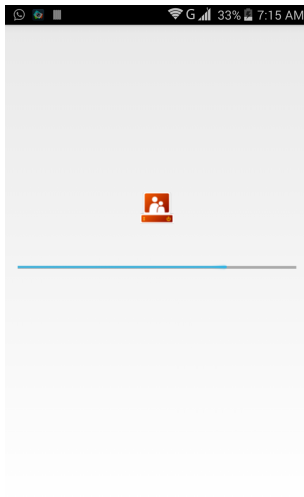
- Send message



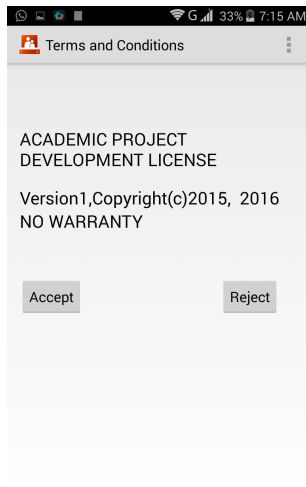
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DESIGN

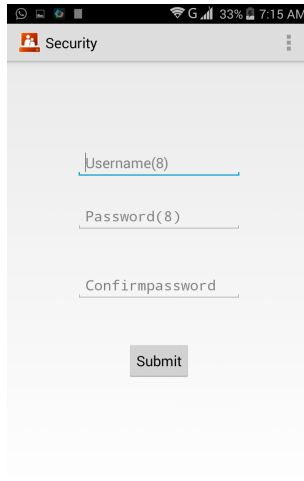
- Screen shots
 - Launcher



- Terms and Conditions



- User Registration



A screenshot of a mobile application interface for user registration. The app is titled "Security" and features three input fields: "Username(8)", "Password(8)", and "Confirmpassword". A "Submit" button is located at the bottom of the form. The status bar at the top shows the time as 7:15 AM, 33% battery, and a cellular connection.

Security

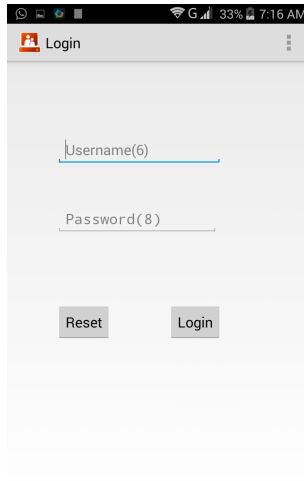
Username(8)

Password(8)

Confirmpassword

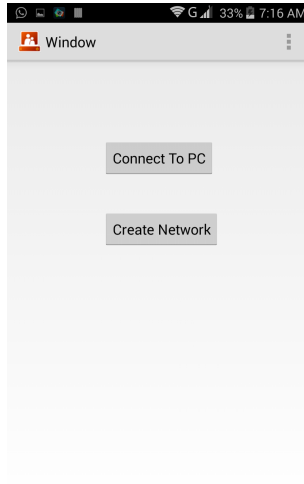
Submit

- User Login



A mobile application login screen mockup. The screen has a white background with a light gray header bar. The header bar contains a red icon of two people and the text "Login". Below the header, there are two text input fields. The first field is labeled "Username(6)" and the second field is labeled "Password(8)". Below the input fields, there are two buttons: "Reset" and "Login". The screen is framed by a black status bar at the top showing various icons and the time "7:16 AM".

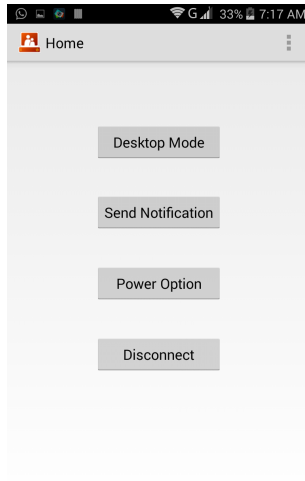
- Connection Window



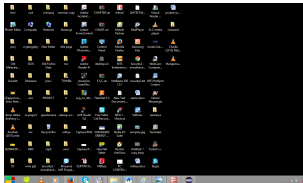
- System Configuration

The screenshot displays a mobile application interface for 'System Configuration'. At the top, a status bar shows icons for notifications, cellular signal, Wi-Fi, and battery level at 33%, along with the time 7:17 AM. Below the status bar is a header bar with a red icon and the text 'System Configuration'. The main content area is light gray and contains a text input field with the IP address '192.168.1.105' entered. A blue underline is visible under the input field. Below the input field is a gray button labeled 'Submit'.

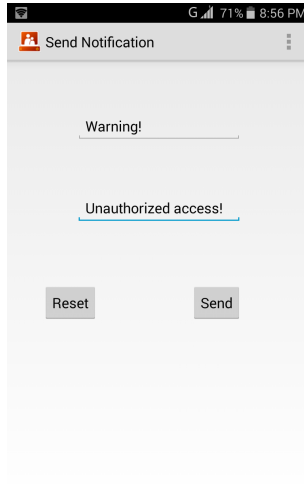
- Home Options



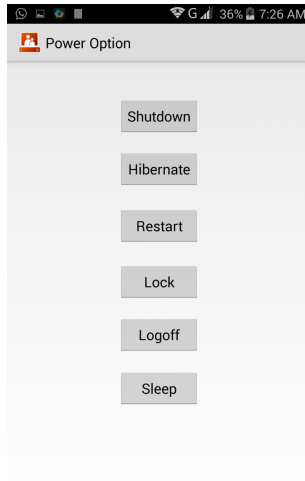
- Remote Desktop Access



- Send Notification



- Power Options



- Message Notification



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CONCLUSION AND FUTURE WORK

- Software enables you to get a view of the remote machine desktop.
- It can be used to perform remote system control and administration tasks.
- Modify the application software to multi-user environment.
- Attach documentation and help links.

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REFERENCE

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- <http://tightvnc.com>
- <http://www.vogella.com/tutorials/Eclipse/article.html>
- <http://www.vbtutor.net/index.com>

Thank You