**Software requirement specification**

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3. **INTRODUCTION:**
   1. **PURPOSE:**

The main objective of this document is to demonstrate the software requirements of the project AGRIPRO. Specification describes all the software and hardware requirements for product, behavior of the product and its components.

The purpose of this project is to provide the users with a theme-based web page where, the users can purchase tools, fertilizers and other byproducts which are essential for agriculture.

* 1. **DOCUMENT CONVENTIONS:**

1. Entire document is justified.
2. Convention for main title:
   * 1. Font family: Times new roman
     2. Font size: 14
     3. Bold
3. Convention for subtitle:
   * 1. Font family: Times new roman
     2. Font size: 12
     3. Bold
4. Convention for body:
   * 1. Font family: Times new roman
     2. Font size: 12
   1. **INTENDED AUDIENCE:**
5. Client
6. Application designers
7. Application testers
8. Application maintainers
9. Project manager
   1. **SCOPE:**

The scope of this project is to create a platform for users like farmers and farming product sellers where they either sell their farming products or they purchase from others. Every user should be provided with a home page for both selling and buying. They should have their own profile page which should consist of their previous transaction with other users and their invoice.

1. Should have individual profile page.
2. Home page for buying and selling.
3. Profile should have their previous transaction.
4. A portal for open chat and option to chat with another user.
5. If any option is selected commission deduction should happen during the transaction.
6. The deduction should be added to the invoice.
7. Option for enquiring the prices.
   1. **REFRENCES:**
8. [www.tataagrico.com](http://www.tataagrico.com)
9. [www.khetigaadi.com](http://www.khetigaadi.com)
10. [www.moglix.com](http://www.moglix.com)
11. **SYSTEM FEATURES:**
    1. **FUNCTIONAL REQUIREMENTS:**
    2. A login page should be displayed.
    3. Option for registering new user should be available.
    4. After logging in, home should be displayed.
    5. The home page should contain the products which are being sold.
    6. An option for enquiring the products price should be available.
    7. Users should be able to connect with other users with the use of a chatting application.
    8. Once the user clicks on a product, he should be navigated to payments page and the payment should be carried out.
    9. At last, the invoice should be added to the user’s purchase history.
    10. **NON-FUNCTIONAL REQUIREMENTS:**
12. The page should have agriculture-based theme overall.
13. The has to be secure because it is dealing with the payments site.
14. Overall page should be user-friendly as everyone should use it.
15. Adding a chat bot would be useful to address queries.
    * 1. **HARDWARE REUIREMENTS:**

Phone or Computer

Internet connection

* + 1. **SOFTWARE REUIREMENTS:**

Web browser