Aswenna (අස්වැන්න) User Manual

Welcome to Aswenna, your comprehensive **farm management web application**. This user manual will guide you through the various features and functionalities of the system. Aswenna integrates technologies like Laravel, Vue3, Inertia.js, MySQL, HTML, CSS, and JSS to offer a seamless and intuitive experience for managing your farm.

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0. Installation Setup

For detailed instructions (User Guide), please refer to the README.md file in the GitHub repository.

1. Login

To access Aswenna, navigate to the **Login** page. Enter your credentials—**email address** and **password**—and click the **Login** button. If your credentials are correct, you will be directed to the Dashboard.

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2. Register

If you are a new user, you can create an account by navigating to the **Register** page. Fill in the following details:

- **Name**: Your full name.

- **Email Address**: A valid email address.

- **Password**: Your chosen password.

- **Re-enter Password**: Confirm your password.

Click **Register** to create your account. You will receive a confirmation email, and upon verification, you can log in to the system.

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3. Dashboard

Upon logging in, you will be directed to the **Dashboard**, where you can view an overview of your farm:

- **Total Inventory Items**: Displays the number of inventory items you have.

- **Total Crops**: Shows the total number of crops on your farm.

Below these metrics, you will find two charts:

1. **Crops to be Harvested This Month**: Shows the number of crops that are due for harvest within the current month.

2. **Inventory Categories**: Displays the number of categories in your inventory.

There is also a section for **Special Notes and Reminders**:

- **Add/Edit/Delete Notes**: You can add, edit, or delete sticky notes. Each note shows the last edited date and time.

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4. Crops Management

The **Crops Management** page provides comprehensive details about your crops:

- **Growing Crops**: View crops that are still growing, divided into stages:

  - Seedling

  - Vegetative/Germination

  - Flowering

  - Fruiting

  - Ripening

These stages follow a three-month automatic cycle, which you can update manually if needed.

- **Harvest-Ready Crops**: View crops that are ready to be harvested.

- **Add New Crops**: Use the **Growth Tracker** feature to add new crops and monitor their progress.

Charts are provided to help you track the progress of your crops.

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5. Inventory Management

The **Inventory Management** page allows you to:

- **Edit/Delete Existing Stocks**: Modify or remove existing inventory items.

- **Add New Stocks**: Include new items in your inventory.

- **Check Stock Levels**: Monitor the quantity of each item in your inventory.

Inventory items are divided into four categories:

1. **Seeds**

2. **Fertilizers**

3. **Pesticides**

4. **Other Items**

When adding new inventory, the purchase date is automatically recorded.

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6. Soil Condition Management

The **Soil Condition Management** page helps you monitor soil health:

- **Optimal Condition**: If the weather is below 30°C, humidity is between 40% and 60%, and pH is 6.75, the soil is in optimal condition.

- **Warning Condition**: If the parameters deviate from the optimal range, it will be indicated as a warning.

This feature helps you understand the nature of your soil and adjust your farming practices accordingly.

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7. Logout

To log out of Aswenna, click on your **profile picture** located at the top right corner of the web application. Select **Logout** from the dropdown menu.

For further assistance, please contact lankeshhalangoda@gmail.com.

Thank you for using Aswenna. Happy farming!