

Here's a beautiful and aesthetically pleasing README file for your GitHub repository:

Farmer's Aid - Empowering Agriculture with Technology

Welcome to **Farmer's Aid**—an innovative IoT project aimed at transforming agricultural practices by harnessing the power of technology. Our mission is to assist farmers in making informed decisions, improving crop yields, and optimizing resources for sustainable farming.

Key Features

- **Real-time Monitoring:** Track soil moisture, temperature, and weather conditions in real-time.
- **Automated Irrigation:** Adjust irrigation levels automatically based on sensor data.
- **Data-Driven Insights:** Receive valuable insights and recommendations to enhance crop health and yield.
- **Remote Management:** Monitor and manage your farm from anywhere, at any time.

Project Structure

Here's an overview of the files and directories in this repository: (Subject to change as and when the project evolves)

```
|— index.html      # The main HTML file
|— styles.css     # Custom CSS styles
|— assets/        # Folder for images, icons, and other assets
|— README.md      # Project documentation
|— circuit/       # Directory for Circuit Diagram, Code and
Libraries Required for the Project
```

Getting Started

Follow these steps to set up the project locally:

1. Clone the repository:

```
git clone https://github.com/your-username/farmers-aid.git
```

2. Navigate to the project directory:

```
cd farmers-aid
```

3. Open **index.html** in your browser:

```
open index.html
```

4. Click on the **guide** button on the nav bar and follow the circuit diagram

5. Lastly, upload the code on your NodeMCU.

Technologies Used

- **HTML5**: Structuring the content
- **CSS3**: Styling the website
- **JavaScript**: Adding interactivity (optional)
- **Git**: Version control
- **Lua and C++**: NodeMCU Codes
- **Blynk IOT**: For interfacing the NodeMCU with internet and mobile applications

Contact

If you have any questions or want to collaborate, feel free to reach out:

SMS on +91 8087568109

License

This project is licensed under the MIT License. See the [LICENSE](#) file for details.
