SETUP INSTRUCTIONS

Tech Stack Required:

- **Python** (Django Framework)
- **HTML/CSS** (Frontend)
- **xhtml2pdf** (PDF Generation)
- **Matplotlib** (Charts)

Setup Instructions:

Follow these steps to run the project on your local machine.

1. Clone the Repository

Open your terminal (or VS Code/ Pycharm) and run:

bash

git clone https://github.com/YOUR_USERNAME/gramiq-farm-finance.git

cd gramiq-farm-finance

2. Create a Virtual Environment

It's best to keep dependencies separate.

 # Windows

python -m venv venv

venv\Scripts\activate

 # Mac/Linux

python3 -m venv venv

source venv/bin/activate

3. Install Requirements

Install all the necessary libraries:

bash

pip install django xhtml2pdf matplotlib pillow

4. Database Setup

Create the local database tables:

python manage.py makemigrations

python manage.py migrate

5. Create Admin User (Optional)

If you want to view the database in the admin panel:

python manage.py createsuperuser

(Enter a username and password when prompted)

6. Run the Server

Start the application:

python manage.py runserver

7. Use the App

- Open your browser and go to: http://127.0.0.1:8000/
- Fill in the farmer details, add expenses and income.
- Click **Generate Report** to download your PDF!