**Grow Light Calculator** project! Here’s a clean and structured **README.md** draft you can for GitHub:

# 🌱 Grow Light Calculator

The \*\*Grow Light Calculator\*\* is a simple WordPress plugin that helps gardeners and indoor plant enthusiasts determine the \*\*recommended daily light hours\*\* and \*\*LED wattage\*\* based on plant type and grow space size.

This project was built to be lightweight, SEO-friendly, and highly extensible — making it perfect for gardeners, hobby growers, and anyone curious about optimizing plant growth indoors.

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## ✨ Features

- Select \*\*Plant Type\*\*: Leafy Greens, Fruiting Plants, Flowers

- Enter \*\*Grow Space Size\*\* (square feet/meters)

- Get \*\*Instant Recommendations\*\*:

- Daily light hours

- Suggested LED wattage

- Runs without external APIs (simple lookup logic)

- Expandable for future integrations (weather APIs, USDA data, etc.)

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## 📂 Project Structure

grow-light-calculator/  
 ├── grow-light-calculator.php # Main plugin file with shortcode  
 ├── README.md # Project documentation

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## ⚡ Installation

1. Download or clone this repository.

```bash

git clone https://github.com/your-username/grow-light-calculator.git

1. Copy the grow-light-calculator folder into your WordPress wp-content/plugins/ directory.
2. Activate the plugin from the **WordPress Dashboard → Plugins**.

Add the shortcode to any page or post:  
  
 [grow\_light\_calculator]

## **🛠 Usage**

* Go to your chosen WordPress page/post.
* Add the shortcode [grow\_light\_calculator].
* Visitors will see a form to select plant type and grow space.
* The tool instantly calculates the **optimal light hours** and **LED wattage**.

## **🌍 SEO Value**

* High demand searches like **“Grow Light Calculator,” “Plant Light Needs,” “Indoor Gardening Tools.”**
* Simple tool for **organic traffic** and gardening community engagement.

## **🚀 Future Improvements**

* API integration (weather, USDA plant growth data).
* More plant categories (herbs, succulents, tropicals).
* Mobile-friendly design with customizable themes.

## **🤝 Contributing**

Pull requests and feature suggestions are welcome!  
 Feel free to fork this repo and submit improvements.

## **📜 License**

This project is licensed under the MIT License — free to use, modify, and distribute.

## **👨‍💻 Author**

Developed by **Khadim Hussain**🌱  
 Passionate about building tools for **gardeners, hobby growers, and sustainable living**.

Would you like me to also include \*\*screenshots section with placeholders\*\* (so your GitHub README look