SmartHome IoT System - User Manual

1. Introduction

Welcome to the **SmartHome IoT System**! This system lets you control and automate your home devices, such as lights, fans, thermostats, and security cameras, using a mobile app or voice commands. This guide will walk you through the setup, features, and troubleshooting so you can make the most of your smart home.

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2. What You Need

- **Wi-Fi Connection:** 2.4 GHz network recommended.

- **Smartphone:** Android 8.0+ or iOS 12+.

- **SmartHome App:** Download from Google Play Store or Apple App Store.

- **Compatible Devices:** Smart bulbs, smart plugs, security cameras, motion sensors, and more.

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3. Getting Started

3.1 Installing the SmartHome App

1. Open the **Google Play Store** or **Apple App Store**.

2. Search for **SmartHome IoT App**.

3. Tap **Install** and wait for the app to download.

4. Open the app and create an account.

3.2 Setting Up Your Smart Devices

1. Plug in your smart device and ensure it's powered on.

2. Open the **SmartHome IoT App** and log in.

3. Tap **"Add Device"** and select the device type.

4. Follow the on-screen instructions to connect the device to your Wi-Fi network.

5. Once connected, name your device and organize it into rooms for easy access.

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4. How to Use the System

4.1 Controlling Your Devices

- **Turn devices ON/OFF** using the app or voice commands.

- **Set schedules** to automate your lights, AC, or security cameras.

- **Adjust settings** like brightness, temperature, or camera angles.

4.2 Using Voice Assistants

Supports **Google Assistant & Alexa**:

- "Hey Google, turn off the living room lights."

- "Alexa, set the bedroom temperature to 22°C."

4.3 Security & Alerts

- **Motion Detection:** Get alerts when movement is detected.

- **Live Monitoring:** View real-time video from smart cameras.

- **Custom Alerts:** Set notifications for door or window sensors.

5. Troubleshooting Guide

5.1 Device Not Connecting?

- Ensure your Wi-Fi is **2.4 GHz**, not 5 GHz.

- Restart your router and try reconnecting.

- Reset the device and add it again.

5.2 App Not Working?

- Check if there's an update available for the app.

- Restart your phone and reopen the app.

- Uninstall and reinstall the app if needed.

5.3 Voice Assistant Not Responding?

- Ensure the smart device is linked in the assistant app.

- Re-enable the SmartHome skill in Google or Alexa settings.

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6. Frequently Asked Questions (FAQs)

Q: Can I control devices when I'm not home?

Yes! As long as your phone has an internet connection, you can control your devices remotely.

Q: How many devices can I add?

You can add up to **50 devices** per SmartHome account.

Q: What if I forget my account password?

Use the **"Forgot Password"** option in the app to reset it.

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7. Need Help? Contact Support

For assistance, reach out to **SmartHome Support**:

- **Live Chat:** Available in the app

Enjoy your SmartHome experience! 🚀