RPET Management UI

User Manual v0.1

– Introduction

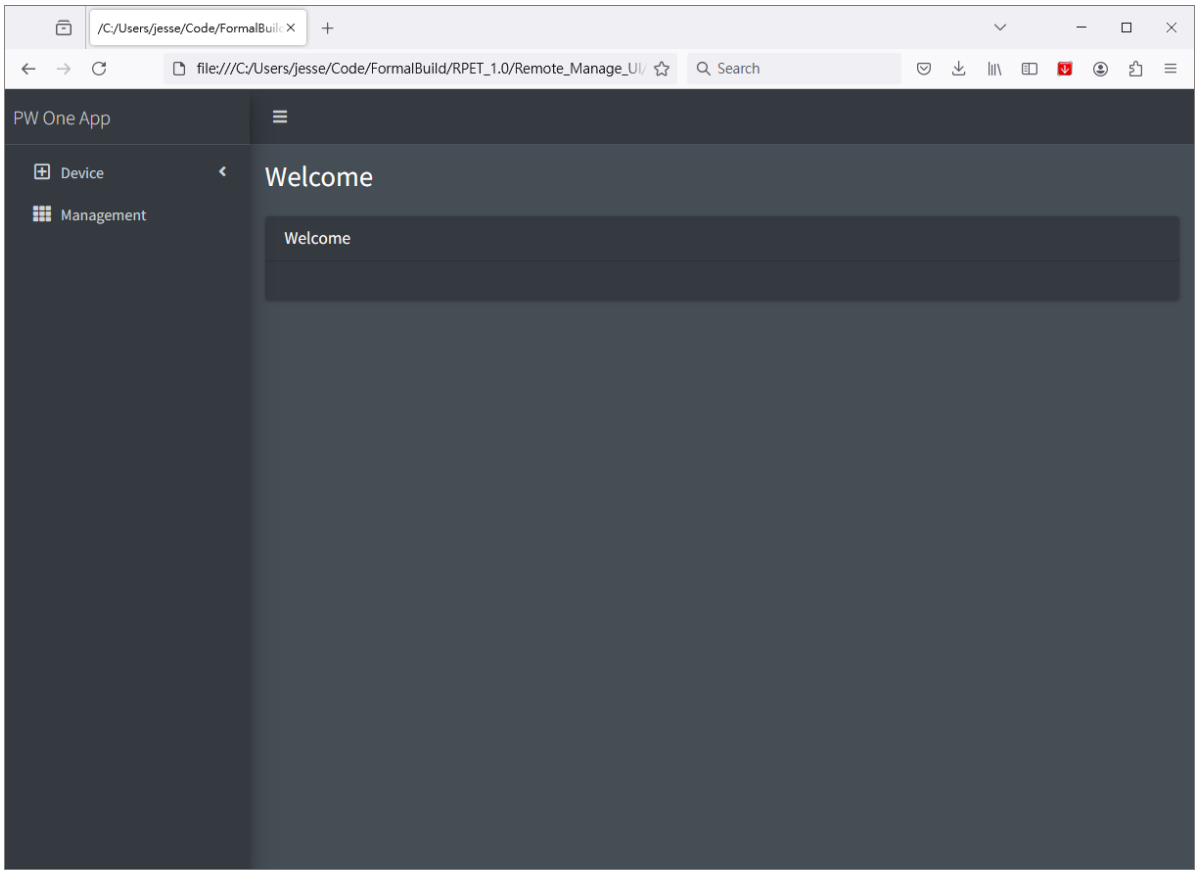
RPET Management UI is a serverless web application developed using HTML and JavaScript. This manual will guide you through the necessary steps to get started with RPET Management UI, including launching the application and an overview of its features.

– System Requirements

- Web Browser: Chrome, Firefox, or Edge
- Network: Stable internet connection

– Launching RPET Management UI

- Unzip "Remote_Manage_UI.zip"
- Double-click the PWApp.html file to open it in your default web browser.



– Features Overview

RPET Management UI provides a range of features to manage and monitor devices.

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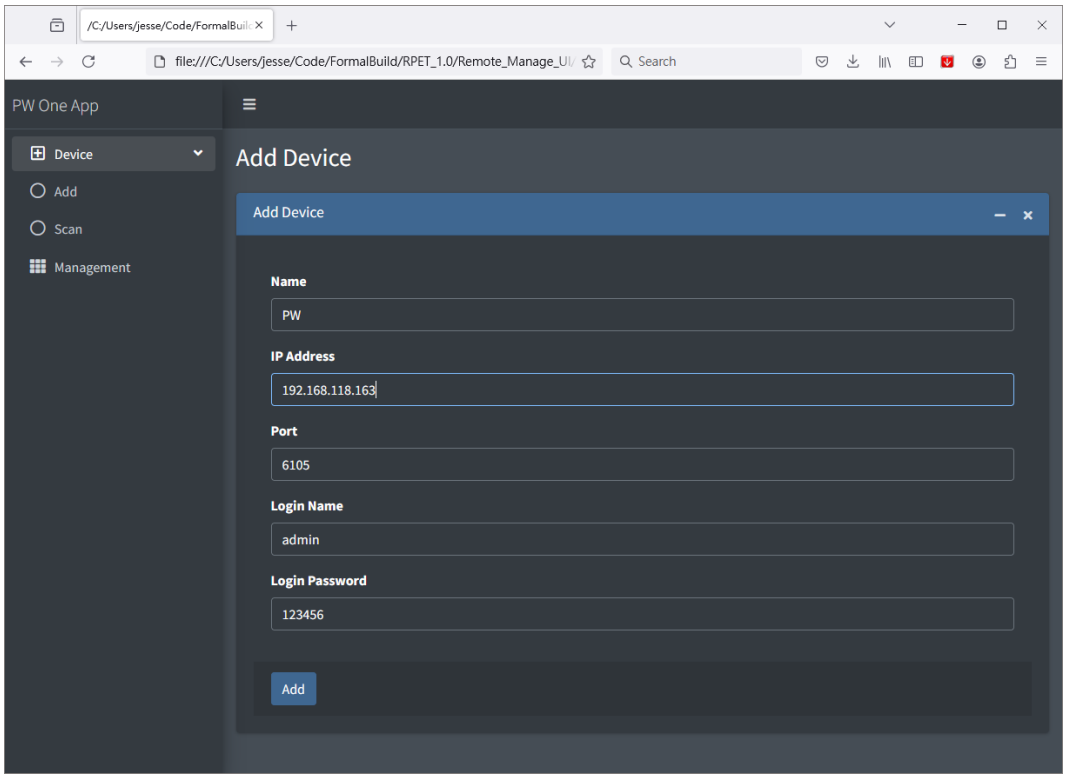
These features include:

- **Device List Management**: Add, remove, and update device information.
- **System Statistics**: View CPU usage, memory usage, network bandwidth, and disk usage.
- **Hardware Monitoring**: Monitor device temperature, voltage, fan speeds, and more in real-time.
- **IIC Command Execution**: Run IIC commands and view results directly in the UI.

– Using RPET Management UI

Adding a Device

1. Navigate to the "Device" section.
2. Click the "Add Device" button.
3. Enter the device information, including name, IP address, port, username, password.
4. Click "Save" to add the device to the list.



Delete a Device

1. Navigate to the "Management" section.
2. Find the device you want to delete in the Overlooking table.

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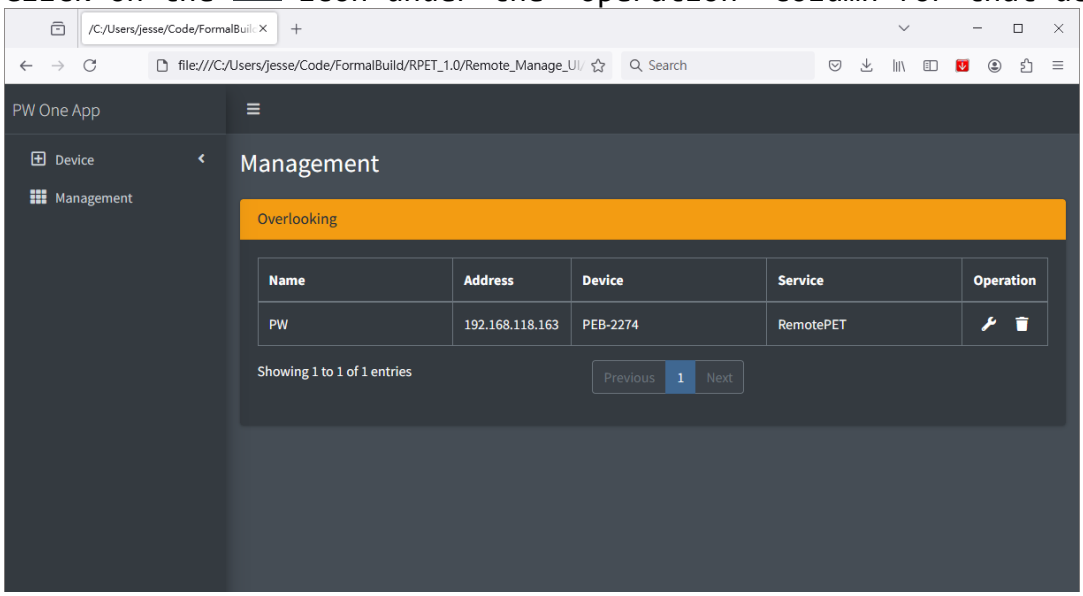
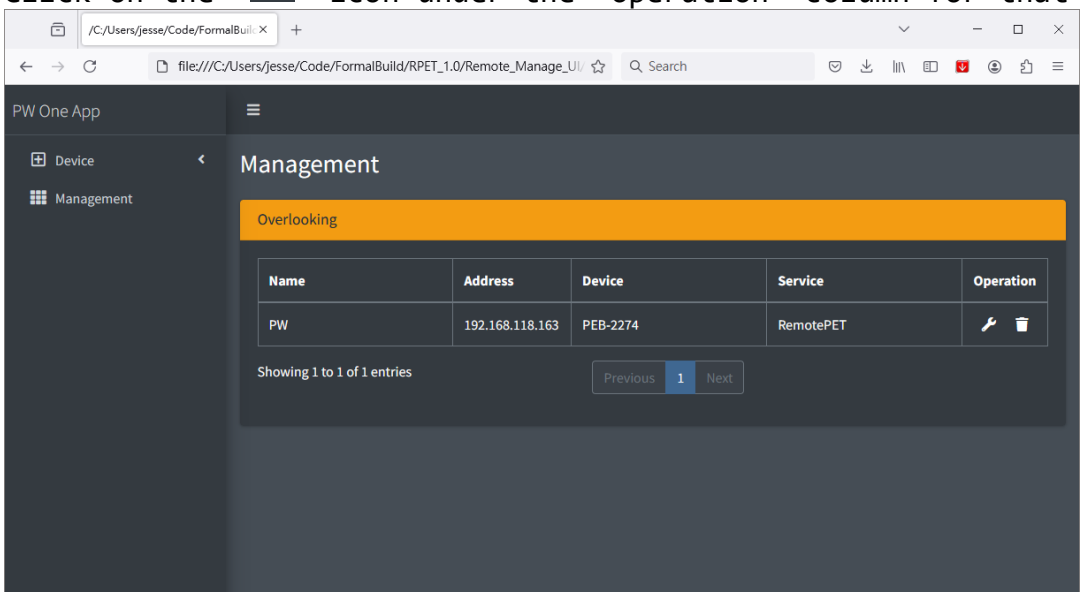
3. Click on the icon under the "Operation" column for that device.



Monitoring a Device

1. Navigate to the "Management" section.
2. Find the device you want to monitor in the Overlooking table.
3. Click on the icon under the "Operation" column for that device.



4. View System Statistics and Hardware Monitoring in the page.

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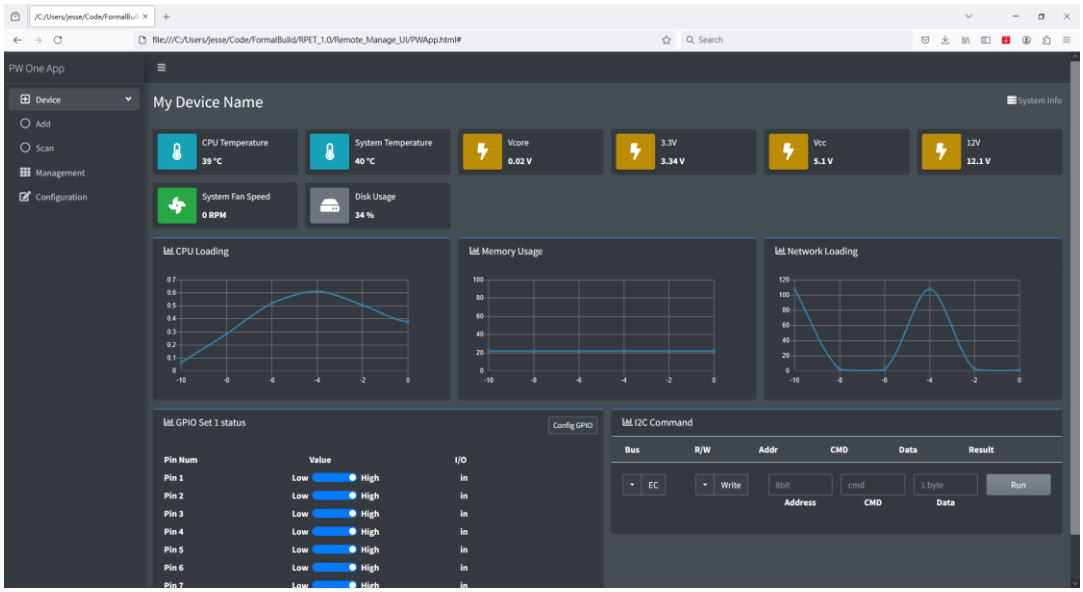
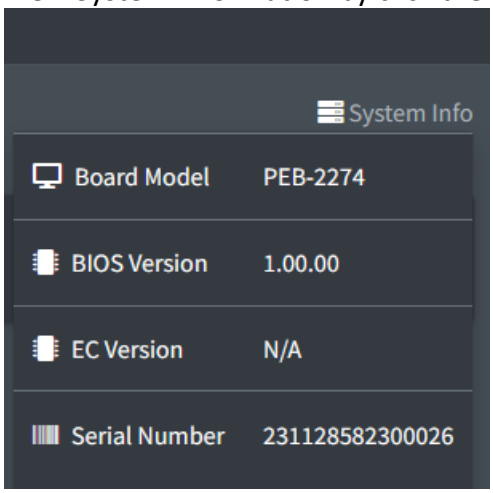
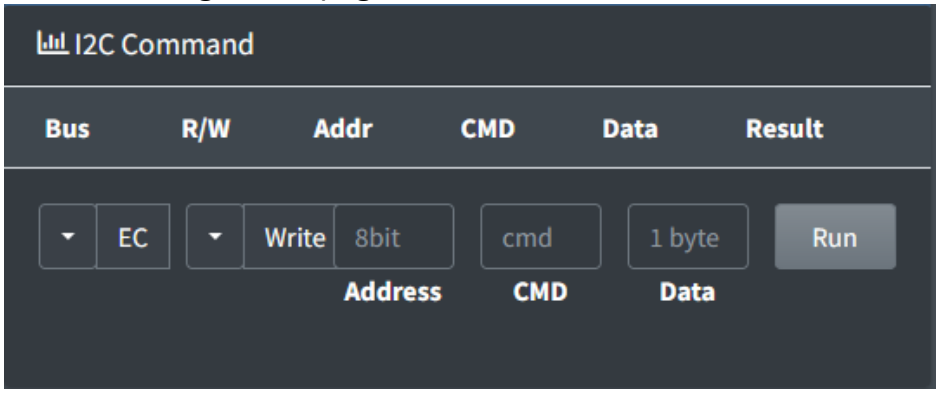


5. View System Information by click the "System Info" Tag.



IIC Command Execution

1. In the Management page, find the card dedicated to IIC commands.



2. Choose the bus type from the available options: SMBus or EC.
3. Choose the operation type (Read/Write).
4. Enter Command Details:

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a. For Read operations, enter the address.
b. For Write operations, enter the address, command, and data.

5. Click "Run" to execute the IIC command.
6. The results of the command will be displayed in the IIC log table.

– Troubleshooting

- **Unable to Connect**

1. **Ensure Server is Running**: Verify that the RPET server is running and accessible from your network.
2. **Correct IP and Port**: Double-check that you are using the correct IP address and port number.
3. **Firewall Settings**: Check your firewall settings to ensure they are not blocking the connection.
4. **SSL Certificate Warnings**: The server's default SSL certificate is self-signed. If the certificate is not trusted, the client-side PWApp.html will be unable to connect. Follow these steps to resolve the issue:
   a. Open your web browser.
   b. Navigate to https://<server-ip>:<server-port>/index.html.
   c. When prompted, choose to trust the self-signed certificate.

   By following these steps, you should be able to bypass the SSL warnings and ensure that PWApp.html can connect to the RPET Management UI server.

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