**SERIS**

Solar Energy Research Institute Singapore



Cloud Based Realtime Analytical Monitoring of Photovoltaic Systems and Weather Parameters Project

**User Interface Specifications**

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1. **History**

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# Introduction

This document is intended for the user interface identified for Cloud Based Realtime Analytical Monitoring of Photovoltaic Systems and Weather Parameters project for SERIS.

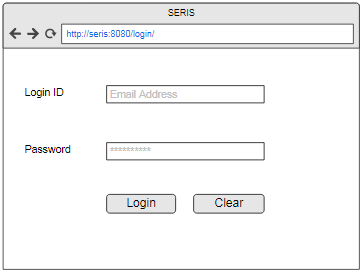
This document only covers the web-based user interface for the system. Additional user interface shall be developed on top of this as an addendum or enhancements to this set of user interface.

The purpose of this User Interface Specification document is to give users a high-level view of the various web-based user interface function available for the application.

# User Interface

The Below are list of the web-based user interfaces available for Cloud Based Realtime Analytical Monitoring of Photovoltaic Systems and Weather Parameters system for SERIS.

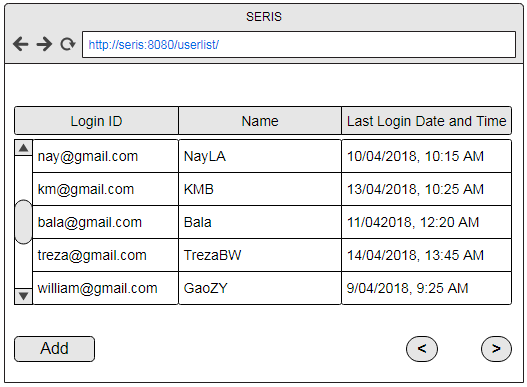
## Login Page



| **Attribute** | **Description** | **Data Type** | **Verification/Validation** | **Error Code/Message** |
| --- | --- | --- | --- | --- |
| Login ID | The Login ID of the End-User to log into the system. E.g. SERIS\_user | Alphanumeric | - Field cannot be null.  - Blanks or Spaces are not accepted. |  |
| Password | The password associated with the Login ID. (Note: Password Field, 8-15 characters long.) | Alphanumeric | - Field cannot be null. |  |

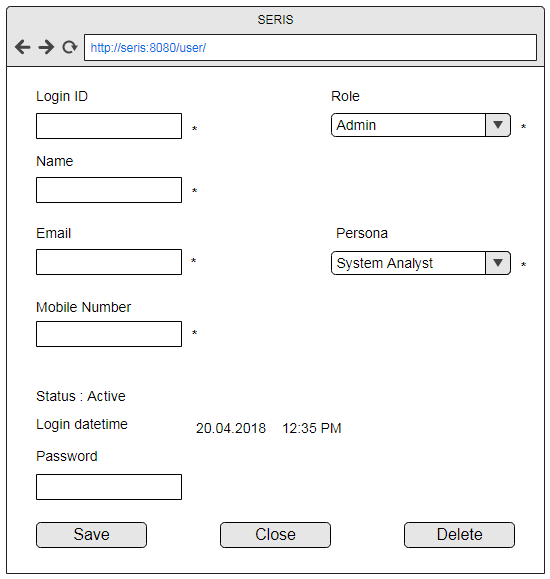
## User Management

### **User List Page**



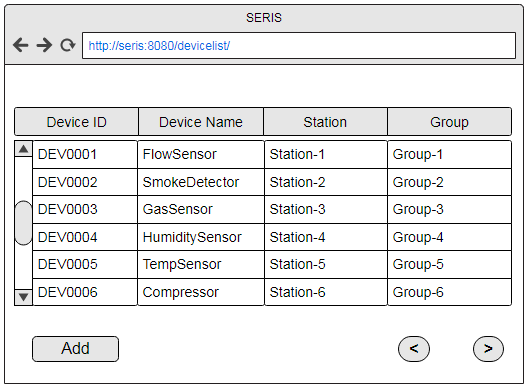
| **Attribute** | **Description** | **Data Type** | **Verification/Validation** | **Error Code/Message** |
| --- | --- | --- | --- | --- |
| Login ID | The Login ID of the End-User to log into the system. E.g. SERIS\_user | Alphanumeric | - Field cannot be null.  - Blanks or Spaces are not accepted. |  |
| Name | The Name associated with the Login ID. (Note: 8-20 characters long.) | Alphanumeric | - Field cannot be null. |  |
| Last Login Date and Time | Last login date and time performed by the user. | Alphanumeric | - The date and time will be recorded and updated by the system. |  |

### **User Page**

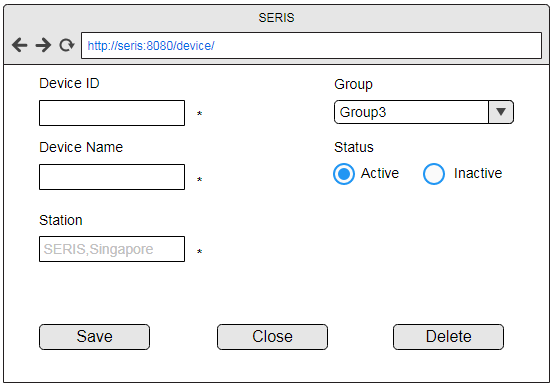


## Device Management

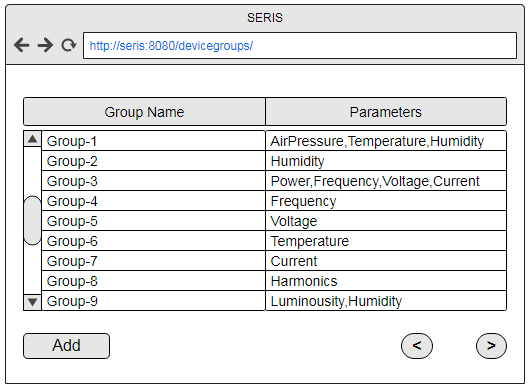
### **Device List**



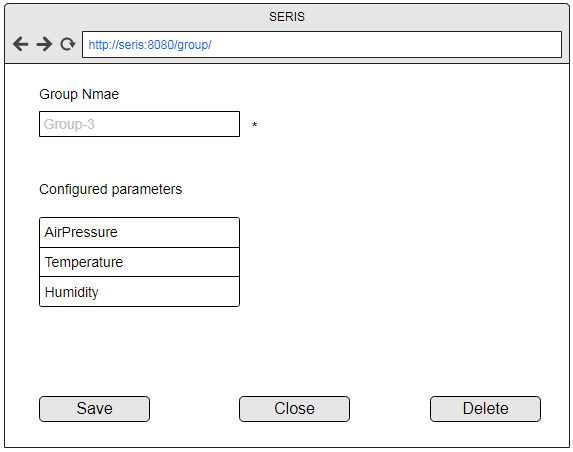
### **Device Page**



### **Device Group Page**

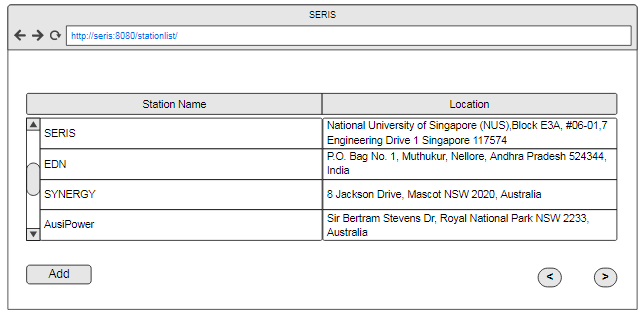


### **Group Page**

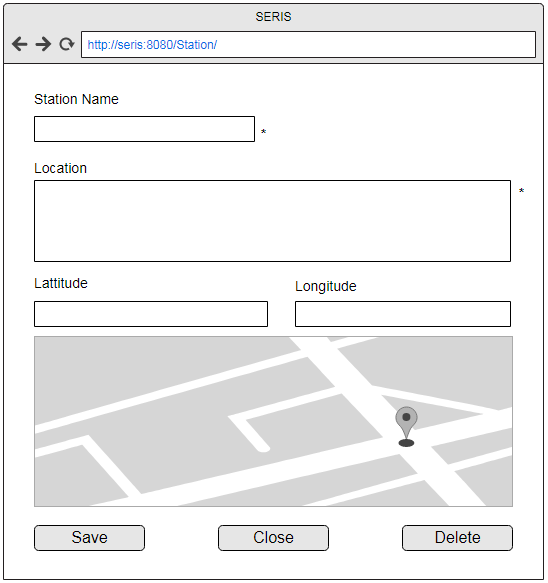


## Station Management

### **Station List**

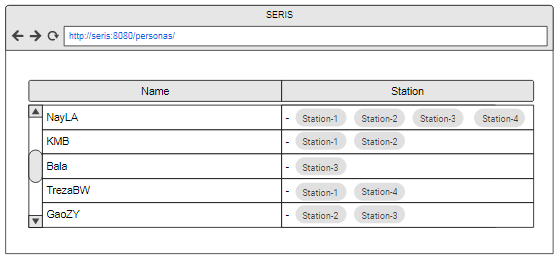


### **Station**



## Persona Management

### **Personas**



### **Persona**



