System verify user id & password

Yes

Generic id & password

New User

User Registration

Login in user id & password

Registraion success

Send to the system

No

Yes

No

**register**

**register**

**updateDeviceInfo**

**syncNotComplete**

**syncComplete**

**syncDeviceInfo**

**syncDeviceContent**

**displayDevice**

**Content**

**syncComplete**

**: Login**

**User**

**: Register**

**User**

**Controller**

**: Update**

**Device Info**

**: Update**

**Web**

**Application**

**:Update**

**Desktop**

**Application**

**: Login**

**User**

**: Register**

**User**

**Controller**

**: Update**

**Device**

**: Device**

**Content**

**: View**

**Update Content**

**Report**

**register**

**register**

**modifyDiviceInfo**

**addDevice**

**deleteDevice**

**showError**

**showError**

**ShowError**

**updateDevice**

**updateDeviceInfo**

**updateDeviceInfo**

**showError**

**showError**

**showError**

**viewContent**

**ViewDeviceContent**

**displayDiviceContent**

**displayContent**