API Documentation Smarthome
Final Project Web mobile development

Server

Register

POST tartarus / account / register

{

     "username":"something@gmail.com",
     "password":"encryptedpassword"

}

Response

{

     "message":"pendaftaran berhasil silahkan konfrimasi kode otp sms"

}

Exception

{

     "message":"email atau password salah"

}

Login

GET tartarus / account / login

{

     "username":"something@gmail.com",
     "password":"encryptedpassword"

}

Response

{

     "token":"rsi512"

}

Exception

{

        "message":"email atau password salah"

}

Biodata

PUT tartarus / account / biodata

{

        "username":"something@gmail.com",
        "name":"",
        "phone_number":""

}

Response

{

        "message":"biodata telah terisi"

}

Exception

{

        "message":"server down"

}

Logout

POST tartarus / logout

{

        "account_state":false

}

Response

{

        "message":"account telah log out"

}

Exception

```
{

        "message":"server down"

}
```

FetchSensorLog

GET / device / log / {id}

```
{
        "log_type":"sensor",
}
```

Response

```
{

        "name":"asdwe",
        "log":[

                {

                "time":"dd-mm-yyy",
                "volt":"5v"

                },

                {

                "time":"dd-mm-yyy",
                "volt":"5v"

                }

        ]
}
```

Exception

```
{

        "message":"server down"

}
```

AddSensor

POST tartarus / sensor /

```
{
        "type":"sensor",
        "name":"asdwe",
        "voltSensitivity":50
}
```

Response

```
{

        "message":"sensor is added"

}
```

Exception

```
{

        "message":"server error"

}
```

AddDeviceLog

POST / device / log / {id}

```
{
        "name":"asdwe",
        "time":"dd-mm-yyy",
        "volt":"5v"
}
```

Response

```
{

        "message":"log is updated"
```

}

Exception

{

  "message":"server error"

}

AddActuator

POST tartarus / actuator /

```
{
        "type":"actuator",
        "name":"asdwe",
        "runningTime":"1h0m5s";
}
```

Response

{

  "message":"actuator is added"

}

Exception

{

  "message":"server error"

}

AddDevice

POST tartarus /device /

```
{
        "type":"device",
        "name":"asdwe",
}
```

Response

```json
{
    "message":"device is added"
}
```

Exception

```json
{
    "message":"server error"
}
```

FetchActuatorLog

GET tartarus / actuator / {id} / log

```json
{
    "log_type":"actuator",
}
```

Response

```json
{
    "name":"asdwe",
    "log":[
        {
        "time":"dd-mm-yyy",
        "volt":5

        },
        {
        "time":"dd-mm-yyy",
        "volt":5

        }
    ]
}
```

Exception

```json
{
```

"message":"server down"

}

AddActuatorLog

POST tartarus / log / device / {id}

```
{
        "name":"asdwe",
        "time":"dd-mm-yyy",
        "watt":40
}
```

Response

```
{

        "message":"log is updated"

}
```

Exception

```
{

        "message":"server error"

}
```

Application

ExportSetting

GET tartarus / device / setting / {id}

```
{

        "message":"export setting"


}
```

Response

```
{

        "lype":"actuator",
        "id":1,
        "running_time":"hh mm ss",
        "volt_sensitivity":0

}
```

Exception

```
{

        "message":"node mcu error"

}
```

ChangeActuatorSetting

PUT tartarus / actuator / {id} / setting

```
{
        "lype":"actuator",
        "id":1,
        "running_time":"hh mm ss",
}
```

Response

```
{

        "message":"setting is updated"

}
```

Exception

```
{

        "message":"no setting changed"
```

}