



SIREN KIT API

Version: 1.2

Project Owner: TimeTec Cloud Sdn Bhd

Prepared By: Jack Tan Chee Jhen

Document Version Date: 14 June 2018

CONTENTS

| | |
|-----------------------------------|----------|
| Web Service Function | 2 |
| 1. wsLogin | 2 |
| 2. wsLogout | 3 |
| 3. activateAlarm | 4 |
| 4. getAlarmInfo | 5 |
| 5. updtAlarmInfo | 6 |
| 6. triggerAlarm | 7 |
| 7. stopAlarm | 8 |
| 8. stopAllAlarm | 9 |

Web Service Function

1. wsLogin

Description: Login to i-Neighbour web service

Parameters:

| Param | Description | Data Type | Size | Remark |
|----------|---------------------|-----------|---------------|----------|
| UserName | Developer user name | String | Varchar (255) | Required |
| Password | Developer password | String | Varchar (255) | Required |

Return Results:

| Return | Description |
|---------|--|
| Status | Indicate whether the function is executed successfully |
| Message | Return error message if there is error while execute this function |
| Data | Return data - Session |

Example:

```
https://api.i-
neighbour.com/webService/iNeighbourAPI.php?Action=wsLogin&UserName=ineighbour&Password
=77cd43c2d960112282a01847934e8a4e
```

JSON Response:

| |
|--|
| <code>{"Status":"Success","Message":"","Data":{"Session":"750f94e190a9c0ae0a7a57691f0dd858"}}</code> |
| <code>{"Status":"Fail","Message":"UserName is empty","Data":""}</code> |
| <code>{"Status":"Fail","Message":"Password is empty","Data":""}</code> |
| <code>{"Status":"Fail","Message":"Invalid UserName or Password","Data":""}</code> |
| <code>{"status":"Fail","message":"Please login to continue","data":""}</code> |

2. wsLogout

Description: Log out from i-Neighbour web service

Parameters:

| Param | Description | Data Type | Size | Remark |
|---------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |

Return Results:

| Return | Description |
|---------|--|
| Status | Indicate whether the function is executed successfully |
| Message | Return error message if there is error while execute this function |

Example:

```
https://api.i-  
neighbour.com/webService/iNeighbourAPI.php?Action=wsLogout&Session=ddb06616b3579b96678  
8cc88a8987c1c
```

JSON Response:

| |
|---|
| <pre>{"Status":"Success","Message":""}</pre> |
| <pre>{"Status":"Fail","Message":"Session is empty"}</pre> |
| <pre>{"Status":"Fail","Message":"Invalid session"}</pre> |
| <pre>{"status":"Fail","message":"Please login to continue","data":""}</pre> |

3. activateAlarm

Description: To activate the Siren Kit alarm system

Parameters:

| Param | Description | Data Type | Size | Remark |
|---------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |
| Code | Activation code of the alarm device | String | Varchar (255) | Required |

Return Results:

| Return | Description | Data Type | Size | Possible value |
|---------|--|-----------|---------------|----------------|
| Status | Indicate whether the function is executed successfully | String | Varchar (255) | Success, Fail |
| Message | Return error message if there is error while execute this function | String | Varchar (255) | |

Example:

```
https://api.i-
neighbour.com/webService/iNeighbourAPI.php?Action=activateAlarm&Session=8a14e136e204293
9081df6034aee1c41&Code=000000004077eee2
```

JSON Response:

| |
|--|
| <code>{"Status":"Success","Message":""}</code> |
| <code>{"Status":"Fail","Message":"Code is empty"}</code> |
| <code>{"Status":"Fail","Message":"Invalid code"}</code> |
| <code>{"Status":"Fail","Message":"Invalid session"}</code> |

4. getAlarmInfo

Description: To get latest alarm information to display in Siren Kit

Parameters:

| Param | Description | Data Type | Size | Remark |
|---------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |
| Code | Serial number of the alarm device | String | Varchar (255) | Required |

Return Results:

| Return | Description | Data Type | Size | Possible value |
|---------|---|-----------|---------------|-----------------|
| Status | Indicate whether the function is executed successfully | String | Varchar (255) | Success, Fail |
| Message | Return data or error message if there's error while execute this function | String | Varchar (255) | No result found |
| Data | Returned Data -CompanyName -CompanyLogo -Status | Array | | |

Return Data:

| Return | Description |
|-------------|---------------------------------------|
| CompanyName | Company's name |
| CompanyLogo | Company's logo url |
| Status | Alarm's status (A-Active, I-Inactive) |

Example:

```
https://api.i-neighbour.com/webService/iNeighbourAPI.php?Action=getAlarmInfo&Session=8a14e136e2042939081df6034aee1c41&Code=0000000044eee1c4
```

JSON Response:

| |
|---|
| <code>{"status":"Success","data":{"CompanyName":"","CompanyLogo":"","Status":"I"}}</code> |
| <code>{"Status":"Fail","Message":"Code is empty"}</code> |
| <code>{"Status":"Fail","Message":"Invalid code"}</code> |
| <code>{"Status":"Fail","Message":"Invalid session"}</code> |

5. updtAlarmInfo

Description: To update Siren Kit information

Parameters:

| Param | Description | Data Type | Size | Remark |
|-------------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |
| Code | Serial number of the alarm device | String | Varchar (255) | Required |
| CompanyName | Company Name | String | Varchar (255) | Required |
| CompanyLogo | Company logo url | String | Varchar (255) | Required |

Return Results:

| Return | Description | Data Type | Size | Possible value |
|---------|--|-----------|---------------|-----------------|
| Status | Indicate whether the function is executed successfully | String | Varchar (255) | Success, Fail |
| Message | Return error message if there is error while execute this function | String | Varchar (255) | No result found |

Example:

```
https://api.i-
neighbour.com/webService/iNeighbourAPI.php?Action=updtAlarmInfo&Session=8a14e136e204293
9081df6034aee1c41&Code=0000000044eee1c4&CompanyName=Epicamera%20Sdn%20Bhd&Com
panyLogo=www.google.com
```

JSON Response:

| |
|---|
| <code>{"Status":"Success","Message":""}</code> |
| <code>{"Status":"Fail","Message":"Code is empty"}</code> |
| <code>{"Status":"Fail","Message":"CompanyName is empty"}</code> |
| <code>{"Status":"Fail","Message":"CompanyLogo is empty"}</code> |
| <code>{"Status":"Fail","Message":"Invalid code"}</code> |
| <code>{"Status":"Fail","Message":"Invalid session"}</code> |

6. triggerAlarm

Description: To trigger the alarm in Siren Kit

Parameters:

| Param | Description | Data Type | Size | Remark |
|---------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |
| Code | Serial number of the alarm device | String | Varchar (255) | Required |
| Id | Unique Id send to the alarm | Int | Int(10) | Required |
| Message | Message to display in the LED | String | Varchar (50) | Required |

Return Results:

| Return | Description | Data Type | Size | Possible value |
|---------|--|-----------|---------------|-----------------|
| Status | Indicate whether the function is executed successfully | String | Varchar (255) | Success, Fail |
| Message | Return error message if there is error while execute this function | String | Varchar (255) | No result found |

Example:

```
https://api.i-neighbour.com/webService/iNeighbourAPI.php?Action=triggerAlarm&Session=8a14e136e2042939081df6034aee1c41&Code=0000000044eee1c4&Id=898&Message=Testing
```

JSON Response:

| |
|--|
| {"Status":"Success","Message":""} |
| {"Status":"Fail","Message":"Code is empty"} |
| {"Status":"Fail","Message":"Id is empty"} |
| {"Status":"Fail","Message":"Id length cannot more than 10 character"} |
| {"Status":"Fail","Message":"Message is empty"} |
| {"Status":"Fail","Message":"Message length cannot more than 50 character"} |
| {"Status":"Fail","Message":"Invalid code"} |
| {"Status":"Fail","Message":"Invalid session"} |

7. stopAlarm

Description: To stop the triggered alarm in Siren Kit

Parameters:

| Param | Description | Data Type | Size | Remark |
|---------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |
| Code | Serial number of the alarm device | String | Varchar (255) | Required |
| Id | Unique Id send to the alarm | Int | Int (10) | Required |

Note: To stop the triggered alarm, the Id must be same as the Id passed in the function 'triggerAlarm'.

Return Results:

| Return | Description | Data Type | Size | Possible value |
|---------|--|-----------|---------------|-----------------|
| Status | Indicate whether the function is executed successfully | String | Varchar (255) | Success, Fail |
| Message | Return error message if there is error while execute this function | String | Varchar (255) | No result found |

Example:

```
https://api.i-neighbour.com/webService/iNeighbourAPI.php?Action=stopAlarm&Session=8a14e136e2042939081df6034aee1c41&Code=0000000044eee1c4&Id=898
```

JSON Response:

| |
|--|
| <code>{"Status":"Success","Message":""}</code> |
| <code>{"Status":"Fail","Message":"Code is empty"}</code> |
| <code>{"Status":"Fail","Message":"Id is empty"}</code> |
| <code>{"Status":"Fail","Message":"Invalid code"}</code> |
| <code>{"Status":"Fail","Message":"Invalid session"}</code> |

8. stopAllAlarm

Description: To stop all the triggered alarm in Siren Kit

Parameters:

| Param | Description | Data Type | Size | Remark |
|---------|---|-----------|---------------|----------|
| Session | Developer session key for the web service session | String | Varchar (255) | Required |
| Code | Serial number of the alarm device | String | Varchar (255) | Required |

Return Results:

| Return | Description | Data Type | Size | Possible value |
|---------|--|-----------|---------------|-----------------|
| Status | Indicate whether the function is executed successfully | String | Varchar (255) | Success, Fail |
| Message | Return error message if there is error while execute this function | String | Varchar (255) | No result found |

Example:

```
https://api.i-
neighbour.com/webService/iNeighbourAPI.php?Action=stopAllAlarm&Session=8a14e136e20429390
81df6034aee1c41&Code=0000000044eee1c4
```

JSON Response:

| |
|--|
| <code>{"Status":"Success","Message":""}</code> |
| <code>{"Status":"Fail","Message":"Code is empty"}</code> |
| <code>{"Status":"Fail","Message":"Invalid code"}</code> |
| <code>{"Status":"Fail","Message":"Invalid session"}</code> |