Partially Connected Mesh Network API

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1. Login

Request type: GET

Request parameter

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Explain |
| username | String | User name |
| password | String | User password |

Return parameter

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Explain |
| username | String | User name |
| status | Int | 0: first login  1: not first login |
| errMsg | int | 0: username and password are right  1: login failed |

Request example:

[http://localhost:8080/particallyConnected/login?username=alex&password=123](http://localhost:8080/particallyConnected/user/alex?firstQuestion=abc&secondQuestion=def&thirdQuestion=slk)

Successful example:

{

errMsg : “0” ,

username : ”alex”,

status : “0”

}

Failure example:

{errMsg : “1”}

1. Get Security Question

Request type: GET

Request parameter

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Explain |
| username | String | User name |

Return parameter

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Explain |
| username | String | User name |
| question | String | The question use should answer |
| answer | String | The answer corresponding to the question |
| errMsg | Int | 0: return data succeed  1: return data failed |

Request example:

[http://localhost:8080/particallyConnected/user/alex/question](http://localhost:8080/particallyConnected/user/alex?firstQuestion=abc&secondQuestion=def&thirdQuestion=slk)

Successful example:

{

errMsg : “0” ,

username : ”alex”,

questionsAndAnswer : {

{question : “what is your mother’s name”, answer : “Alskn”},

{question : “what is your father’s name”, answer : “adsfkn”},

{question : “what is your girlFriend’s name”, answer : “erkn”},

}

}

Failure example:

{errMsg : “1”}

1. Get all nodes

Request type : GET

Request parameter

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Explain |
| username | String | User name |

Return parameter

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |