

HomeRemote

Introduction:

"HomeRemote" is an automatic pet feeder that automatically receive food to pet by the time or via web application by user. There will be some features like:

- User authentication
- List of user's devices

Rest API Specification:

(GET)	/devices	Main page of user's devices
(POST)	/devices	Will add new device
(GET)	/devices/:deviceId	Will show device info
(GET)	/login	Login form
(POST)	/login	Login the user
(GET)	/register	Register form
(POST)	/register	Register the user

Schemas and structure:

```
1  const mongoose = require('mongoose');
2  const Schema = mongoose.Schema;
3  const userSchema = new Schema({
4    name: {
5      type: String,
6      required: true
7    },
8    login: {
9      type: String,
10     required: true
11   },
12   password: {
13     type: String,
14     required: true
15   },
16   image: [{
17     type: String,
18     default: ''
19   }]
20 })
21 const deviceSchema = new Schema({
22   name: {
23     type: String,
24     required: true
25   },
26   id: {
27     type: String,
28     required: true
29   },
30   owner: [userSchema]
31 })
32
33 module.exports = mongoose.model('devices', deviceSchema);
```

Communication:

User in JSON format will look like this

```
1  {
2    "name" : "Ilia Skakov",
3    "login": "sudondie",
4    "password" : "OhILikeThisCourse99",
5    "image" : ["https://github.com/sudondie/images/blob/master/PortfolioColors.PNG?raw=true"]
6  }
```

Device in JSON format will look like this

```
1  {
2    "name" : "Ilia Skakov",
3    "id": "5d6d889s0s34",
4    "owner" : "name: Ilia Skakov, login: sudondie, password: OhILikeThisCourse99, image: https://github.com/sudondie/images/b
5  }
6  }
```