Getting know to OpenConnected Home (OCH) API:

This API is designed to reduce the effort of manufacturer in managing the connected devices. To create this API we use node.js, Express, mongoose and body-Parser. Using this API we do the following:

1. We can add new devices that are connected to home network in our database (Using POSTMAN). To create the device we use “/api/devices” using HTTP verb POST.
2. We can list all the added device from our database by using “/api/devices” using HTTP verb GET.
3. If we want to check the usage of only one device that is being added to our database we can use it by using “/api/devices/:device\_id” using HTTP verb GET.
4. If we want to delete an existing device that is no more available then we can delete it using “/api/devices/:device\_id” using HTTP verb DELETE.
5. If we want to update an existing entry in the database then we will do it using “/api/devices/:device\_id” using HTTP verb PUT.

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| Route | HTTP Verb | Description |
| /api/devices | POST | Create a new device (Add new device). |
| /api/devices | GET | Get all devices from the database. |
| /api/devices/:device\_id | GET | Get a single device with matched device\_id. |
| /api/devices/:device\_id | PUT | Update the existing device with new info (with matched device\_id). |
| /api/devices/:device\_id | DELETE | Delete the existing device with matched device\_id. |