**HackerBay NodeJS Task API Run and Test help document**

HackerBay **NodeJS Task** Project Run

Step 1: Open command prompt, move to project location

Example: Windows: cd C:\Users\Downloads\HackerBayTask

Step 2: run npm install cmd to add packages in to project

Example: Windows: >C:\Users\Downloads\HackerBayTask npm install

Step 3: run npm start cmd to start project localhost on port no 3000 (if you want to change port no. edit on server.js)

Example: Windows: >C:\Users\Downloads\HackerBayTask npm start

HackerBay **NodeJS Task** API Details

NOTE: Use Insomnia or another API call App’s to test. Below examples are given with default port no. 3000, use your port no., if modified.

**Public Endpoints:**

**Login**

**URL:** <http://localhost:3000/api/auth/login>**,**

**Method:** POST,

**Data Param’s:**

**Required**

**Username [string]**

**Required**

**Password [string]**

**Sample Body:**

**{**

**“username”:”**[test@test.com](mailto:test@test.com)**”,**

**“password”:”test”**

**}**

**Success Response: code: 200,**

**content: {**

**"auth": true,**

**"token": "--------------------JWT token -----------"**

**}**

**Error Response:**

**If parameters are undefined – error code: 500 Internal server**

**error message: Please send username and password.**

**Protected Endpoints:**

**Note: Send** JWT token (received at public login endpoint) in header as ‘x-access-token’ to access protected endpoints.

**APPLY JSONPATCH**

**URL:** <http://localhost:3000/api/auth/applyjsonpatch>**,**

**Method:** POST,

**Data Param’s:**

**Required**

**jsonObject [json object]**

**Required**

**jsonPatch [json patch]**

**Note: please send correct json and jsonpatch formats.**

**Sample Body:**

**{**

jsonObject: { "baz": "qux", "foo": "bar" },

jsonPatch: { "op": "replace", "path": "/baz", "value": "boo" }

**}**

**Success Response: code: 200,**

**content: {“”} (modified jsonobject)**

**Error Response: If parameters are undefined – error code: 500 Internal server error message: Please send jsonObject, jsonPatch.**

**If values are not correct format – error code: 500 Internal server error message.**

**CREATE THUMBNAIL**

**URL:** http://localhost:3000/api/auth/createthumbnail**,**

**Method:** POST,

**Data Param’s:**

**Required**

**imageUri [public image URL]**

**Note: please send public image url as imageUri.**

**Sample Body:**

{

  “imageUri”: “https://www.google.com/images/srpr/logo3w.png”

}

**Success Response: code: 200,**

**Content: image**

**Error Response: If parameters are undefined – error code: 500 Internal server error message: Please send imageUri**

**If error at image resize – error code: 500 Internal server error message.**

HackerBay **NodeTask** API Testing

use npm test cmd to test the app using mocha and chai.