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| Phonebook  Evaluation Project (API’s Documentation)  For Addenda.tech |
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**API** **Register:** To register the user for login and maintaining the contacts

**URL**: localhost:3000/api/auth/register

**Method: POST**

**Parameter Body (JSON Raw):**

{

"full\_name": "Jhon Wich",

"username": "jhonwich",

"password": "+97150633455"

}

**Response:**

{

"status": true,

"response": "User has been successfully registered!"

}

**Note:**

Status: true/false define request success/failure

Response: could contain obj & error messages according to status

HTTP Status Code: 400 (Bad Request), 404 (Record not found), 200 (Request OK)

**API** **Login:** To login the user for queries of contacts

**URL**: localhost:3000/api/auth/login

**Method: POST**

**Parameter Body (JSON Raw):**

{

"username": "adnankhan",

"password":"12345678"

}

**Response:**

{

"status": true,

"response": {

"access\_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9 ",

"full\_name": "Adnan Khan",

"total\_contacts": 13

}

}

**API** **Fetch Contacts:** To fetch user contact list

**URL**: localhost:3000/api/ contacts/:page

**Method: GET**

**Parameter URL:** Pass current page number against ‘:page’ in URL

**Parameter Headers:** PassAuthorization of Bearer & access\_token with space

**Response:**

{

"status": true,

"response": [

{

"created\_date": "2019-10-05T02:57:32.402Z",

"\_id": "5d98069cc76bb732341c2344",

"name": "Raj Kawal",

"number": "+923054478895"

},

{

"created\_date": "2019-10-05T03:44:15.358Z",

"\_id": "5d98118f4cfcfb4d50e9f65b",

"name": "Alia Rana",

"number": "+923089904495"

}

]

}

**API** **Add Contact:** To add contacts of user

**URL**: localhost:3000/api/ contacts

**Method: POST**

**Parameter Headers:** PassAuthorization of Bearer & access\_token with space

**Parameter Body (JSON Raw):**

{

"name": "Raja Kumar",

"number":"+923045568894"

}

**Response:**

{

"status": true,

"response": "Contact has been added against your account!"

}

**API** **Delete Contacts:** To delete contact from user contacts

**URL**: localhost:3000/api/ contacts/:id

**Method: DELETE**

**Parameter URL:** Pass id of contact against ‘:id’ in URL

**Parameter Headers:** PassAuthorization of Bearer & access\_token with space

**Response:**

{

"status": true,

"response": " Contact has been delete sucessfully"

}

**API** **Update Contact:** To add contacts of user

**URL**: localhost:3000/api/ contacts/:id

**Method: PUT**

**Parameter URL:** Pass id of contact against ‘:id’ in URL

**Parameter Headers:** PassAuthorization of Bearer & access\_token with space

**Parameter Body (JSON Raw):**

{

"name": "Raja Kumar", // Remove name for number update only

"number":"+923045568894" // Remove number for name update only

}

**Response:**

{

"status": true,

"response": "Contact has been updated!"

}

**General Notes | Testing:**

**Unit Testing completed using Mocha JS & Chai, for testing scripts let me know.**