JavaScript Course – Assignment 2

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API Spcification:

Resource	/users/signup
Method	POST
Authenticated	No

Request Body	{
	 "Full name": "Ano nymo"
	 "email": xxx@aaa.com,
	 "password":"1a2b3c"
	 }

Returns	{
	 "ID":123 (for indication only)
	 }

On Error	400 – Bad Request 500 – Internal Server Error

Resource	/users/login
Method	POST
Authenticated	No

Request Body	{
	 "email": xxx@aaa.com,
	 "password":"1a2b3c"
	 }

Returns	{
	 "token":"eegigdugihguguighg464646"
	 }

On Error	401 – Unauthorized 500 – Internal Server Error

Resource	/users/logout
Method	POST
Authenticated	Yes

Request Body	{
	Token (in header)
	}

Returns	{ }
On Error	401 – Unauthorized 500 – Internal Server Error

Resource	/users/change_status
Method	POST
Authenticated	Yes

Request Body	{
	"ID"="123456789"
	"New Status": X (1/2/3)
	}

Returns	{
	"Result":"Sucess"
	}

On Error	400 – Bad Request 401 – Unauthorized 500 – Internal Server Error

Resource	/users/list_users
Method	GET
Authenticated	Yes

Request Body	{
	Token (in header)
	}

Returns	{
	{
	"Id":123
	"Full name":"Ano Nymo"
	…}
	}

On Error	401 – Unauthorized 500 – Internal Server Error

Resource	/posts/publish
Method	POST
Authenticated	Yes

Request Body	{
	"text":"post's text"
	}

Returns	{
	 "Post_id" : 200
	}

On Error	401 – Unauthorized 500 – Internal Server Error

Resource	/ posts /delete
Method	POST
Authenticated	Yes

Request Body	{
	"Post_id":"xxx"
	}

Returns	{ }
On Error	401 – Unauthorized 403 - Forbidden 500 – Internal Server Error

Resource	/ posts /list_posts
Method	POST
Authenticated	Yes
Request Body	{ }

Returns	{
	All posts in a json format
	}

On Error	401 – Unauthorized 403 - Forbidden 500 – Internal Server Error

Resource	/messages/send_message
Method	POST
Authenticated	Yes

Request Body	{
	"user_id":"123456"
	"text": "this is the message text"
	}

Returns	{
	"id":1234 (the ID of the new message)
	}

On Error	401 – Unauthorized 403 - Forbidden 500 – Internal Server Error

Resource	/messages/get_message
Method	POST
Authenticated	Yes

Request Body	{
	"id":1234 (the ID of the new post)
	}

Returns	{
	{messages collection}
	}

On Error	401 – Unauthorized 403 - Forbidden 500 – Internal Server Error

Users: (ID, Full name, Email, Password ssh, creation date, status)

List all users – Admin

Approve/Suspend/Reactivate/Delete - Admin

Signup – active users

Login - active users

Logout - active users

Posts: (owner id, post id, text, date and time)

Publish - active users

Get posts - active users

Delete – Owner/Admin

Messages: (sender id, receiver id, text, id, date and time)

Send Message to All – Admin

Send Message – active users

Get messages – active users

- Installed npm package nodemon to help myself in the process of developing a restapi (every change in the files makes the server restert itself automatically)