**JavaScript Course – Assignment 2**

Name: Or Samucian, ID: 315872424

API Spcification:

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| --- | --- |
| Resource | /users/signup |
| Method | POST |
| Authenticated | No |
| Request Body | {  "Full name": "Ano nymo"  "email": [xxx@aaa.com](mailto:xxx@aaa.com),  "password":"1a2b3c"  } |
| Returns | {  "ID":123 (for indication only)  } |
| On Error | 400 – Bad Request  500 – Internal Server Error |

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| --- | --- |
| Resource | /users/login |
| Method | POST |
| Authenticated | No |
| Request Body | {  "email": [xxx@aaa.com](mailto:xxx@aaa.com),  "password":"1a2b3c"  } |
| Returns | {  "token":"eegigdugihguguighg464646"  } |
| On Error | 401 – Unauthorized  500 – Internal Server Error |

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| --- | --- |
| Resource | /users/logout |
| Method | POST |
| Authenticated | No |
| Request Body | {  } |
| Returns | {  } |
| On Error | 401 – Unauthorized  500 – Internal Server Error |

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| --- | --- |
| 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 |

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| --- | --- |
| Resource | /users/list\_users |
| Method | GET |
| Authenticated | Yes |
| Request Body | {  "token"="123"  } |
| Returns | {  {  "Id":123  "Full name":"Ano Nymo"  …}  } |
| On Error | 401 – Unauthorized  500 – Internal Server Error |

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| --- | --- |
| Resource | /user/:id/post |
| Method | POST |
| Authenticated | Yes |
| Request Body | {  "text": "this is the post's text"  } |
| Returns | {  "id":1234 (the ID of the new post)  } |
| On Error | 401 – Unauthorized  403 - Forbidden  500 – Internal Server Error |

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| --- | --- |
| Resource |  |
| Method |  |
| Authenticated |  |
| Request Body |  |
| Returns |  |
| On Error |  |

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

List all users – Admin

Approve/Suspend/Reactivate (Approve (?))/Delete users - Admin

Signup - anyone

Login - anyone

Logout - anyone

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

Publish - anyone

Get posts - anyone

Delete – Owner/Admin

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

Send Message to All – Admin

Send Message – anyone

Get messages -