**JavaScript Course Assignment 2**

Ronel David Gekhman – 313564510  
Karina Batmanishvili – 321800898

User API specification

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| --- | --- |
| Resource | api/user/register |
| Method | POST |
| Authenticated | No |
| Request Body | {  “full\_name”: “Ilan Zisser”,  “email”: “[ilanzi@mta.ac.il](mailto:ilanzi@mta.ac.il)”,  “password”: “15926ABC”  } |
| Returns | {  “u\_id”: “654687”,  “u\_status”: “created”,  “time”: "2019-12-10T13:49:51.141Z",  } |
| On Error | 400 Bad Request, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user/login |
| Method | POST |
| Authenticated | No |
| Request Body | {  “email”: “[ilanzi@mta.ac.il](mailto:ilanzi@mta.ac.il)”,  “password”: “15926ABC”  } |
| Returns | {  “u\_id”: “654687”,  “full\_name”: “Ilan Zisser”,  “token”: “eegigdugihguguighg464646”  } |
| On Error | 400 Bad Request, 401 Unauthorized, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user/logout |
| Method | POST |
| Authenticated | Yes |
| Request Body | {  } |
| Returns | {  } |
| On Error | 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user |
| Method | DELETE |
| Authenticated | Yes |
| Request Body | {  “password”: “15926ABC”  } |
| Returns | {  “u\_id”: 654687,  “u\_status”: “deleted”  } |
| On Error | 401 Unauthorized, 403 Forbidden, 409 Conflict, 500 Internal Server Error |

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| --- | --- |
| Resource | api/user/post |
| Method | POST |
| Authenticated | Yes |
| Request Body | {  “text”: “This is the post’s text”  } |
| Returns | {  “p\_id”: “743424” (The id of the newly created post),  “time”: "2018-12-10T13:49:51.141Z"  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user/post |
| Method | GET |
| Authenticated | Yes |
| Request Body | {  “u\_id”: “654687” / “0” (to see from all),  “post\_amount”: “10” / “0” (to see all)  } |
| Returns | {  “posts”: [\*list of posts\*]  (where post = {  “full\_name”: “Ilan Zisser”,  "text": "Est iure ratione.",  "time": "2022-01-05T17:33:11.284Z",  "p\_status": "active",  "p\_id": "70"  })  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user/post |
| Method | DELETE |
| Authenticated | Yes |
| Request Body | {  “p\_id”: “743424”  } |
| Returns | {  “p\_id”: “743424”  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 404 Not Found, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user/message |
| Method | GET |
| Authenticated | Yes |
| Request Body | {  “sender\_id”: “654687” / “0” (for messages from all users),  “m\_status”: “read/unread/all”  } |
| Returns | {  “messages”: [\*list of messages\*]  (where message = {  "text": "Molestias eum expedita enim voluptatem cum.",  "m\_status": "read",  "time": "2022-01-05T17:28:17.816Z",  "sender\_id": "30",  "receiver\_id": "1",  "m\_id": "90"  })  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/user/message |
| Method | POST |
| Authenticated | Yes |
| Request Body | {  “receiver\_id”: “654687”,  “text”: “Hello world”  } |
| Returns | {  “receiver\_id”: “654687”,  “m\_id”: “874234”,  “m\_status”: “unread”,  “text”: “Hello world”,  “time”: "2019-12-10T13:49:51.141Z"  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/users |
| Method | GET |
| Authenticated | Yes |
| Request Body | {  } |
| Returns | {  “users”: [\*list of users\*]  (for user where user = {  "full\_name": "Ilan Zisser",  "u\_id": "30"  })  (for admin where user = {  "full\_name": "Ilan Zisser",  "email": "Tamara.Haag\_1641403792758@mta.ac.il",  "u\_status": "created",  "posts": [],  "u\_id": "31"  })  } |
| On Error | 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |

Admin API specification

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| --- | --- |
| Resource | api/admin/status |
| Method | PUT |
| Authenticated | Yes |
| Request Body | {  “u\_id”: “654687”,  “u\_status”: “active/suspended/deleted”  } |
| Returns | {  “u\_id”: “654687”,  “u\_status”: “active/suspended/deleted”   (the newly updated status)  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 404 Not Found, 409 Conflict, 500 Internal Server Error |

|  |  |
| --- | --- |
| Resource | api/admin/broadcast |
| Method | POST |
| Authenticated | Yes |
| Request Body | {  “text”: “Hello world”  } |
| Returns | {  “m\_id”: “874234”,  “m\_status”: “unread”,  “text”: “Hello world”,  “time”: "2019-12-10T13:49:51.141Z"  } |
| On Error | 400 Bad request, 401 Unauthorized, 403 Forbidden, 500 Internal Server Error |