Rest API

**Login :**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL / Resource** | **/sessions** |
| **Body** | **{**  **“username”: “”,**  **“password”: “”**  **}** |
|
| **Headers** | **{**    **}** |
| **Authorization** | **No** |
| **Response (success)** | **http status: 201**  **{**  **"status": "success",**  **}**  **cookie: session id** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“Unexpected\_error”**  **“unauthorized”** |

Rest API

**Logout :**

|  |  |
| --- | --- |
| **Method** | **DELETE** |
| **URL / Resource** | **/sessions** |
| **cookie** | **sessionID** |
|
| **Headers** | **{**  **content-Type: no content,**  **}** |
| **Authorization** | **Yes** |
| **Response (success)** | **http status: 204**  **{**  **"status": "success (no content)"**  **}** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“unautherized”**  **“missing\_parameters”**  **“unexpected\_error”** |

Rest API

**Register:**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL / Resource** | **/users** |
| **Body** | **{**  **“username”: “”,**  **“password”: “”,**  **“email”: “”, (unique)**  **“firstName”: “”,**  **“lastName”: “”,**  **“bday”: “”**  **}** |
|
| **Headers** | **{**  **content-Type: “application/json”,**  **}** |
| **Authorization** | **No** |
| **Response (success)** | **http status: 201**  **{**  **"status": "success",**  **}** |
| **Response (failure)** | **http status: 400/409/500**  **{**  **status: xx**  **}**  **xx:**  **“email\_exists” (conflict)**  **“missing\_parameters”**  **“unexpected\_error”** |

Rest API

**Get user by ID:**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL / Resource** | **/users/:id** |
| **param** | **id** |
|
| **Headers** | **{**  **content-Type: “application/json”,**  **}** |
| **Authorization** | **No** |
| **Response (success)** | **http status: 200**  **{**  **"status": "success",**  **}** |
| **Response (failure)** | **http status: 400/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“unexpected\_error”** |

Rest API

**Get user’s posts:**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL / Resource** | **/posts** |
| **cookie** | **sessionId** |
|
| **Headers** | **{**  **content-Type: “application/json”,**  **}** |
| **Authorization** | **Yes** |
| **Response (success)** | **http status: 200**  **{**  **"status": "success",**  **[**  **{**  **“title”: “”,**  **“body”: “”,**  **“postid”: “”,**  **“created\_at”: “”**  **}**  **]**  **}** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“unauthorized”**  **“unexpected\_error”** |

Rest API

**Get post by id:**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL / Resource** | **/posts/:id** |
| **cookie** | **sessionId** |
|
| **Headers** | **{**  **content-Type: “application/json”,**  **}** |
| **Authorization** | **Yes** |
| **Response (success)** | **http status: 200**  **{**  **"status": "success",**  **{**  **“title”: “”,**  **“body”: “”,**  **“postid”: “”,**  **“created\_at”: “”**  **}**  **}** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“unauthorized”**  **“unexpected\_error”** |

Rest API

**Add new post:**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL / Resource** | **/posts** |
| **Cookie**  **Body** | **SessionId**  **{**  **“title”: “”,**  **“body”: “”**  **}** |
|
| **Headers** | **{**  **content-Type: “application/json”,**  **}** |
| **Authorization** | **Yes** |
| **Response (success)** | **http status: 201**  **{**  **"status": "success",**  **{**  **“title”: “”,**  **“body”: “”,**  **“postid”: “”,**  **“created\_at”: “”**  **}**  **}** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“unauthorized”**  **“unexpected\_error”** |

Rest API

**Edit post:**

|  |  |
| --- | --- |
| **Method** | **PUT** |
| **URL / Resource** | **/posts/:id** |
| **cookie** | **sessionId** |
|
| **Headers** | **{**  **content-Type: “application/json”,**  **}** |
| **Authorization** | **Yes** |
| **Response (success)** | **http status: 201**  **{**  **"status": "success",**  **{**  **“title”: “”,**  **“body”: “”,**  **“postid”: “”,**  **“created\_at”: “”**  **}**  **}** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“unauthorized”**  **“unexpected\_error”** |

Rest API

**Delete post:**

|  |  |
| --- | --- |
| **Method** | **DELETE** |
| **URL / Resource** | **/posts/:id** |
| **cookie** | **sessionId** |
|
| **Headers** | **{**  **no content**  **}** |
| **Authorization** | **Yes** |
| **Response (success)** | **http status: 204**  **{**  **"status": "success",**  **}** |
| **Response (failure)** | **http status: 400/401/500**  **{**  **status: xx**  **}**  **xx:**  **“missing\_parameters”**  **“unauthorized”**  **“unexpected\_error”** |