### User Registration (Sign Up)

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| --- | --- |
| **POST** [https://baas.kinvey.com/user/***app\_key***/](https://baas.kinvey.com/user/app_key/) | |
| Request headers | Authorization: Basic base64(app\_id:app\_secret)  Content-Type: application/json |
| Request body | {  "username": "testuser",  "password": "testuserpass890",  "subscriptions": []  } |
| Response  201 Created | {  "\_id": "**59affdae3044bb86044a79bd**",  "username": "**testuser**",  "password": "**testuserpass890**",  "subscriptions": **[]**  } |
| Error response  409 Conflict | { "error": "UserAlreadyExists", "description": "This username is already taken. Please retry your request with a different username", "debug": "" } |
| Error response  401 Unauthorized | { "error": "InvalidCredentials", "description": "Invalid credentials. Please retry your request with correct credentials", "debug": "" } |

### User Login

|  |  |
| --- | --- |
| **POST** [https://baas.kinvey.com/user/***app\_key***/login](https://baas.kinvey.com/user/app_key/login) | |
| Request headers | Authorization: Basic base64(app\_id:app\_secret)  Content-Type: application/json |
| Request body | {  "username": "testuser",  "password": "testuserpass890"  } |
| Response  200 OK | {  "\_id": "59930c78a743e20c7d3fca77",  "username": "testuser",  "subscriptions": []  "\_kmd": {  "**authtoken**": "**8e6471bc-3712-4cfb-b92e-50e62a0c80….Duj5fHdM /7XHIe6KdY=**"  …  },  …  } |
| Error response  401 Unauthorized | { "error": "InvalidCredentials", "description": "Invalid credentials. Please retry your request with correct credentials", "debug": "" } |

Successful login returns an “**authtoken**” which is later used to authenticate the CRUD operations.

### Register User Screen (10 pts)

* That **includes** the subscriptions array. Since local/session storage **only** keeps **strings** the array must be **stringified** or **kept** as a variable and **updated** on every init.

### Login User Screen (5 pts)

* That **includes** the subscriptions array. Since local/session storage **only** keeps **strings** the array must be **stringified** or **kept** as a variable and **updated** on every init.