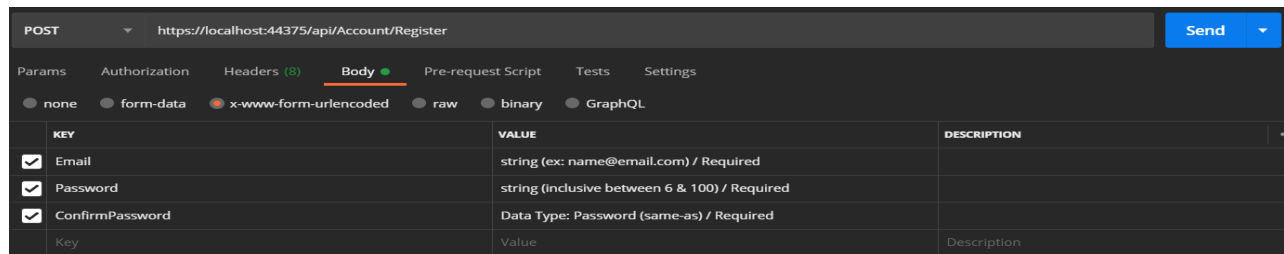


Using Postman, Register an account ([https:// ... /api/Account/Register](https://.../api/Account/Register)):



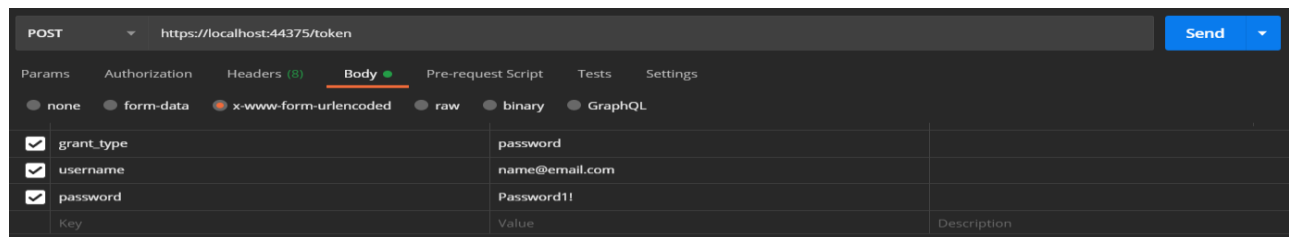
POST <https://localhost:44375/api/Account/Register> Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Email	string (ex: name@email.com) / Required	
<input checked="" type="checkbox"/> Password	string (inclusive between 6 & 100) / Required	
<input checked="" type="checkbox"/> ConfirmPassword	Data Type: Password (same-as) / Required	
Key	Value	Description

Generate a token ([https:// ... /token](https://.../token)):



POST <https://localhost:44375/token> Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

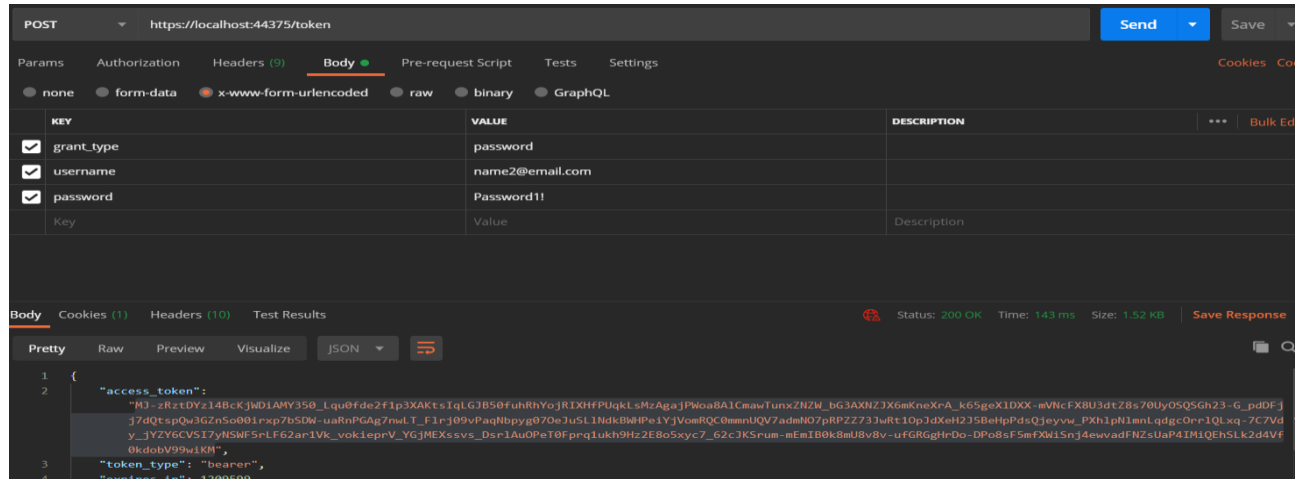
none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> grant_type	password	
<input checked="" type="checkbox"/> username	name@email.com	
<input checked="" type="checkbox"/> password	Password1!	
Key	Value	Description

The grant\_type is password. The username is the Email entered in the Account Register.

The password is the Password entered in the Account Register.

This will create a token:



POST <https://localhost:44375/token> Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Co

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> grant_type	password	
<input checked="" type="checkbox"/> username	name2@email.com	
<input checked="" type="checkbox"/> password	Password1!	
Key	Value	Description

Body Cookies (1) Headers (10) Test Results

Status: 200 OK Time: 143 ms Size: 1.52 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "access_token":
3     "MJ-zRztDYz14BckJWD1AMY350_Lqu0fde2f1p3XAKtsIqLG3B50fuhRhYoJRtXHFPUqKlsMzAgaJPkwaBA1CmawTunxZN2W_bg3AXNZJX6mKneXrA_k65geX1DXX-mVnCFX8U3dtZ8s70UyOSQ5Gh23-G_pdDEj
4     j7dQtsPQv3GZn5o0B1rxp7b5DW-uafnPGAg7nwLT_F1rj09vPaqNbpYg07DeJuSL1NdkBMHpe1YjVomRQC0mmnUQV7admH07pRPZ273JwRt10pJdXeh2J5BeHpdSjQeyvw_PXh1pN1mLqdgC0er1QLxq-7C7Vd
      y_yZY6CVSI7yH5WF5rLF62ar1Vk_vok1eprV_YGjMEXssvs_Dsr1Au0Pe10Fprq1ukh9Hz2E8o5xyc7_62cJKSrum-mEmIB0k8mU8v8v-ufGRGghrDo-DP08sF5mFXW15nj4ewvadFNZsUaP4IM1QEhSLK2d4Vf
      0kdobV99w18R",
    "token_type": "bearer",
    "expires_in": 1209599,
```

Any tabs from here on will need to have this token placed in the Authorization.

Copy the token (between the quotations). In the Authorization tab, select Bearer Token, & paste the information into the space for Token:

POST <https://localhost:44375/token> Send Save

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies

**Authorization**

TYPE: Bearer Token

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Token: MJ-zRzDYzI4BckjWdIAMY350\_Lqu0fde2f1p3XAKtsIqLG3B50fuhRhYgJR1XHFPUqkLsRzAgajPloa8A1CmaoTunxZHZL\_b6JAXH2JX6eKneXnA\_k65geX1DXX-mVncFX8U3dtZB870Uy05Q5Gh23-G\_pDfJj7dQtsPQw3GznSo001rpg7b5DW-uaInPGAg7nwlT\_F1r-109vPaqNbpYg970e3u5L1NdkBMPeIYjVoeRQcOemUQV7admIO7pRP2Z733uRt1OpJdXeh2J5BelIPdsQJeyvz\_PXhlpN1mLqdgC0rr1QLxq-7C7Vdy\_JYZY6CV517yH5Wf5rLF62ar1Vh\_vokIeprV\_YGJMEKssvs\_Dsr1Au0PeT0Fprq1ukh9Hz2F8o5xyc7\_62cJKSrua-mfmlB0k8mJBv8v-ufGRGgJrDo-DP08sF5mfXW1SnJ4eevadFNZsUaP41M1QEHSLk2d4Vf0kdobV99uIKM",

**Body** Cookies (1) Headers (10) Test Results

Status: 200 OK Time: 143 ms Size: 1.52 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "access_token":
3     "MJ-zRzDYzI4BckjWdIAMY350_Lqu0fde2f1p3XAKtsIqLG3B50fuhRhYgJR1XHFPUqkLsRzAgajPloa8A1CmaoTunxZHZL_b6JAXH2JX6eKneXnA_k65geX1DXX-mVncFX8U3dtZB870Uy05Q5Gh23-G_pDfJj7dQtsPQw3GznSo001rpg7b5DW-uaInPGAg7nwlT_F1r-109vPaqNbpYg970e3u5L1NdkBMPeIYjVoeRQcOemUQV7admIO7pRP2Z733uRt1OpJdXeh2J5BelIPdsQJeyvz_PXhlpN1mLqdgC0rr1QLxq-7C7Vdy_JYZY6CV517yH5Wf5rLF62ar1Vh_vokIeprV_YGJMEKssvs_Dsr1Au0PeT0Fprq1ukh9Hz2F8o5xyc7_62cJKSrua-mfmlB0k8mJBv8v-ufGRGgJrDo-DP08sF5mfXW1SnJ4eevadFNZsUaP41M1QEHSLk2d4Vf0kdobV99uIKM",
4   "token_type": "bearer",
5   "expires_in": 1209599,
```

Create a User ([https:// ... /api/User/](https://.../api/User/)):

POST <https://localhost:44375/api/User/> Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> FirstName	User First Name (string / Required)	
<input checked="" type="checkbox"/> LastName	User Last Name (string / Required)	
<input checked="" type="checkbox"/> City	City Name (string / Required)	
<input checked="" type="checkbox"/> State	State Name (string / Required)	
Key	Value	Description

Create a List of All Tags ([https:// ... /api/AllTags/](https://.../api/AllTags/)):

This will initially be an empty list, but is important to be created.

POST <https://localhost:44375/api/AllTags/> Send

Params Authorization Headers (10) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> AddTags		
<input type="checkbox"/> DeleteTags		
<input checked="" type="checkbox"/> ListOfAllTags		
Key	Value	Description

How to add Tags to the All Tags (https:// ... /api/AllTags):

Notice this is a **Put** (not a Post). These are optional tags. When creating Trails, if tags are used, they need to have been entered to the AllTags in this way.

PUT https://localhost:44375/api/AllTags/ Send

Params Authorization Headers (10) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	AddTags	Tag Name (string)	
<input type="checkbox"/>	DeleteTags		
<input type="checkbox"/>	ListOfAllTags		
	Key	Value	Description

Create a State (https:// ... /api/State):

POST https://localhost:44375/api/State/ Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	Name	State Name (string / Required)	
	Key	Value	Description

Create a City (https:// ... /api/City):

POST https://localhost:44375/api/city/ Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	Name	City Name (string / Required)	
<input checked="" type="checkbox"/>	StateID	ID from Created State (integer / Required)	
	Key	Value	Description

Create a Park (https:// ... /api/Park):

POST https://localhost:44375/api/Park Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	CityID	ID from Created City (integer/Required) ...	
<input checked="" type="checkbox"/>	Name	Park Name (string/Required)	
<input checked="" type="checkbox"/>	Acreage	integer (optional)	
<input checked="" type="checkbox"/>	Hours	string (optional)	
<input checked="" type="checkbox"/>	PhoneNumber	string (optional)	
<input checked="" type="checkbox"/>	Website	string (optional)	
	Key	Value	Description

Create a Trail (https:// ... /api/Trail):

POST <https://localhost:44375/api/Trail/> Send

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings

none form-data **x-www-form-urlencoded** raw binary GraphQL

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	Name	Trail Name (string/Required)	
<input checked="" type="checkbox"/>	CityID	ID from Created City (integer/Required)	
<input checked="" type="checkbox"/>	ParkID	ID from Created Park (integer/Required)	
<input checked="" type="checkbox"/>	Difficulty	string (optional)	
<input checked="" type="checkbox"/>	Description	string (optional)	
<input checked="" type="checkbox"/>	Distance	double (optional)	
<input checked="" type="checkbox"/>	TypeOfTerrain	string (optional)	
<input checked="" type="checkbox"/>	AddTags	string (optional)	
<input checked="" type="checkbox"/>	Elevation	double (optional)	
<input checked="" type="checkbox"/>	RouteType	string (optional)	
	Key	Value	Description

Create a Visited (https:// ... /api/Visited):

POST <https://localhost:44375/api/Visited/> Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data **x-www-form-urlencoded** raw binary GraphQL

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	TrailID	ID of Created Trail (Integer / Required) ...	
<input checked="" type="checkbox"/>	Rating	integer (between 0-5) / Required ...	
<input checked="" type="checkbox"/>	Review	string (optional)	
<input checked="" type="checkbox"/>	AddToFavorites	boolean (true or false) / (optional)	
	Key	Value	Description

After all these are created, all of the features of the API are available.