

Endpoints

Endpoint	Description	req	res	errors
/auth/login (POST)	Used for login	{ username_or_email, password, token }	{ userdata, Token }	1. Incorrect username/email or password 2. Invalid Token
/auth/register (POST)	Used for register	{ Username, Email, password, First_name, last_name }	{ userdata, Token }	1. Username Taken 2. Email taken 3. Need a better password 4. Fill out all fields
/username:/portfolios (POST)	Used to fetch all of users portfolios	{ token }	{ [portfolioCode] }	1. Invalid username 2. Invalid Token
/username:/portfolio-viewer/portfolio_id: (GET)	Used to view portfolio non publicly	{ token }	{ portfolioCode }	1. Invalid portfolio id 2. Invalid username 3. Invalid token
/username:/portfolio-update/portfolio_id: (PUT)	Used to commit changes to portfolio	{ token, portfolioCode }	{ Message: Success }	1. Invalid username 2. Invalid portfolio id 3. Invalid token 4. Portfolio code empty 5. Portfolio code invalid
/username:/portfolio-delete (POST)	Used to delete portfolio	{ Token, Portfolio_id }	{ Message: Success }	1. Invalid username 2. Invalid portfolio id 3. Invalid token
/public/portfolio_id: (GET)	Used to display portfolio publicly		{ portfolioCode }	1. Invalid portfolio id
/username:/generate (POST)	Generate Portfolio	{ User Info, Token }	{ portfolioCode }	

Data Model

Relation	Description	Schema	Queries
users	Table of users	Id Username Email Firstname LastName CanDeploy MaxSaves, Last maxGenerated generation StringList,	Get by id Get by Username Get by email
portfolio_templates	Table of empty portfolio templates	Id Code Likes or gets	Get by id Get by most likes
portfolios	Table of saved user portfolios	Id name user_id Template_id Code Created_at Last_edited Last 3 revisions	Get by id Get by user_id Get by name

Class	Description	Methods
User	Class to manage Users	<ul style="list-style-type: none">- Verify Token- Validate Login- Validate Register- Generate Token- Create User- Delete User- Update User- Fetch Templates- Fetch userdata
Portfolio	Class to manage portfolio	<ul style="list-style-type: none">- Fetch portfolio- Fetch Template- Create Portfolio- Save Portfolio- Update Portfolio

		<ul style="list-style-type: none">- Restore Portfolio- Delete Portfolio
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