

PortfolioVantage API Documentation

Version: v1

Description: API documentation for PortfolioVantage application

Endpoints

[**/assets/**](#)

GET [/assets/](#)

Retrieve a list of all available assets in the system.

Parameters:

No parameters

Responses:

Status 200:
Description:

[**/auth/change-password/**](#)

POST [/auth/change-password/](#)

Change the authenticated user's password.

Parameters:

– data (body)
Required: Yes

Responses:

Status 200:
Description: Success
Status 400:
Description: Bad Request – Invalid current password

Status 401:

Description: Unauthorized – Invalid or missing token

/auth/delete-account/

DELETE /auth/delete-account/

Delete the authenticated user account after confirmation.

Parameters:

- data (body)

Required: Yes

Responses:

Status 200:

Description: Success

Status 400:

Description: Bad Request – Invalid confirmation or session issue

Status 401:

Description: Unauthorized – Invalid or missing token

Status 500:

Description: Internal Server Error

/auth/login/

POST /auth/login/

Authenticate a user by username & password and return a JWT token.

Parameters:

- data (body)

Required: Yes

Responses:

Status 200:

Description:

Status 401:

Description: Unauthorized – Invalid credentials

Status 405:

Description: Method not allowed

/auth/profile/

PUT[/auth/profile/](#)

Update the authenticated user's profile (username/email).

Parameters:

- data (body)

Required: Yes

Responses:

Status 200:

Description:

Status 400:

Description: Bad Request – No fields to update or duplicates

Status 401:

Description: Unauthorized – Invalid or missing token

Status 404:

Description: Not Found – User not found

Status 405:

Description: Method Not Allowed

Status 500:

Description: Internal Server Error

/auth/register/

POST[/auth/register/](#)

Register a new user with username, password, and email.

Parameters:

- data (body)

Required: Yes

Responses:

Status 200:

Description:

Status 400:

Description: Bad Request – Missing fields or duplicate username/email

Status 405:

Description: Method not allowed

[/news/](#)**GET**[/news/](#)

Retrieve all news articles sorted by latest publication date.

Parameters:

No parameters

Responses:**Status 200:**

Description:

Status 401:

Description: Unauthorized – Invalid or missing token

[/news/{news_id}/comments/](#)**GET**[/news/{news_id}/comments/](#)

Retrieve comments (and sentiment) for a particular news article.

Parameters:

No parameters

Responses:**Status 200:**

Description:

[/news/{news_id}/interact/](#)**POST**[/news/{news_id}/interact/](#)

Record or update user sentiment/comment for a news article.

Parameters:

- `data` (body)
Required: Yes
- `news_id` (path)
Description: News article ID
Required: Yes

Responses:

Status 200:
Description: Success

Status 400:
Description: Bad Request – Missing or invalid sentiment

Status 401:
Description: Unauthorized – Invalid or missing token

Status 404:
Description: Not Found – News article does not exist

/portfolios/

GET /portfolios/

List all portfolios owned by the authenticated user with their current values.

Parameters:

No parameters

Responses:

Status 200:
Description:

Status 401:
Description: Unauthorized – Invalid or missing token

POST /portfolios/

Create a new portfolio for the authenticated user.

Parameters:

- `data` (body)
Required: Yes

Responses:

```
Status 200:  
  Description:  
Status 400:  
  Description: Bad Request – Missing or invalid portfolio name  
Status 401:  
  Description: Unauthorized – Invalid or missing token  
Status 500:  
  Description: Internal Server Error
```

/portfolios/{portfolio_id}/

DELETE /portfolios/{portfolio_id}/

Delete a specific portfolio.

Parameters:

- portfolio_id (path)
Description: Portfolio ID
Required: Yes

Responses:

```
Status 200:  
  Description: Success  
Status 401:  
  Description: Unauthorized – Invalid or missing token  
Status 403:  
  Description: Forbidden – Portfolio not found or no access  
Status 405:  
  Description: Method not allowed
```

/portfolios/{portfolio_id}/assets/

GET /portfolios/{portfolio_id}/assets/

Get all assets in a portfolio with their current values.

Parameters:

- portfolio_id (path)
Description: Portfolio ID
Required: Yes

Responses:

```
Status 200:  
  Description:  
Status 401:  
  Description: Unauthorized – Invalid or missing token  
Status 403:  
  Description: Forbidden – Portfolio not found or no permission
```

POST /portfolios/{portfolio_id}/assets/

Add or update an asset within a portfolio.

Parameters:

- data (body)
Required: Yes
- portfolio_id (path)
Description: Portfolio ID
Required: Yes

Responses:

```
Status 200:  
  Description: Success  
Status 400:  
  Description: Bad Request – Missing required fields  
Status 401:  
  Description: Unauthorized – Invalid or missing token  
Status 403:  
  Description: Forbidden – Portfolio not found or no permission  
Status 404:  
  Description: Not found – Asset not recognized
```

/portfolios/{portfolio_id}/assets/{ticker}/

DELETE /portfolios/{portfolio_id}/assets/{ticker}/

Remove a specific asset from a portfolio owned by the authenticated user.

Parameters:

- portfolio_id (path)
Description: Portfolio ID
Required: Yes
- ticker (path)
Description: Asset ticker symbol
Required: Yes

Responses:

```
Status 200:  
  Description: Success  
Status 401:  
  Description: Unauthorized – Invalid or missing token  
Status 403:  
  Description: Forbidden – Portfolio not found or no permission  
Status 404:  
  Description: Not Found – Asset not found in portfolio  
Status 405:  
  Description: Method Not Allowed
```

/portfolios/{portfolio_id}/performance/

GET /portfolios/{portfolio_id}/performance/

Get daily portfolio performance snapshots.

Parameters:

- portfolio_id (path)
Description: Portfolio ID
Required: Yes

Responses:

```
Status 200:  
  Description:  
Status 401:  
  Description: Unauthorized – Invalid or missing token  
Status 403:  
  Description: Forbidden – Portfolio not found or no permission
```

/portfolios/{portfolio_id}/value/

GET /portfolios/{portfolio_id}/value/

Retrieve the current total value of a portfolio.

Parameters:

- portfolio_id (path)
Description: Portfolio ID
Required: Yes

Responses:

Status 200:

Description: Success

Status 401:

Description: Unauthorized – Invalid or missing token

Status 403:

Description: Forbidden – Portfolio not found or no permission

/simulate-investment/

POST[/simulate-investment/](#)

Simulates an investment strategy based on start date, asset allocation, and monthly budget.

Parameters:

- data (body)

Required: Yes

Responses:

Status 200:

Description: Success