

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
