NFTtitle Network - Marketplace API Documentation

Version: 1.0

Host: https://marketplace.nftitle.network

Base Path: /api/v1

Endpoints Overview

1. Account API

GET /account - Get Account Info

- **Summary**: Fetches the current user's account information.
- **Responses**:
    - 200 OK: Successful response with account details.
    - 401 Unauthorized: User is not logged in.
    - 403 Forbidden: User lacks permission to access the resource.
    - 404 Not Found: Resource does not exist.

PUT /account - Update Account Info

- **Summary**: Updates the current user's account information.
- **Request Body**: UpdateAccountRequest (JSON)
- **Responses**:
    - 200 OK: Account updated successfully.
    - 401 Unauthorized: User is not logged in.
    - 403 Forbidden: User lacks permission.
    - 404 Not Found: Resource does not exist.

2. Registration API

POST /accounts - Register Account

- **Summary**: Registers a new account.
- **Request Body**: `RegisterRequest` (JSON)
- **Responses**:
  - `200 OK`: Successful registration.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Resource does not exist.

GET `/accounts/{address}/nonce` - Get Nonce by Address

- **Summary**: Retrieves the nonce for the given account address.
- **Parameters**:
  - `address` (path, required): The account address.
- **Responses**:
  - `200 OK`: Successful response with the nonce.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Resource does not exist.

3. Authentication API

POST `/auth` - Authenticate

- **Summary**: Authenticates a user.
- **Request Body**: `AuthRequest` (JSON)
- **Responses**:
  - `200 OK`: Successful authentication.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Resource does not exist.

4. Media API

POST `/media` - Upload Media

- **Summary**: Uploads media files.
- **Request Body**:
  - `file` (form-data, required): The media file to upload.
  - `featured` (form-data, required): Featured status (string).
- **Responses**:
  - `200 OK`: Successful media upload.
  - `401 Unauthorized`: User is not logged in.

`GET /media/{id}` - Get Media Details

- **Summary**: Fetches details of a specific media.
- **Parameters**:
    - `id` (path, required): Media ID.
- **Responses**:
    - `200 OK`: Successful response with media details.
    - `401 Unauthorized`: User is not logged in.
    - `403 Forbidden`: User lacks permission.
    - `404 Not Found`: Media not found.

5. Assets API

`GET /assets` - Get List of Assets

- **Summary**: Fetches a paginated list of assets.
- **Parameters**:
    - `offset` (query, optional): Offset for pagination.
    - `limit` (query, optional): Limit of items per page.
- **Responses**:
    - `200 OK`: Successful response with a list of assets.
    - `401 Unauthorized`: User is not logged in.
    - `403 Forbidden`: User lacks permission.
    - `404 Not Found`: Resource does not exist.

`POST /assets` - Create Asset

- **Summary**: Creates a new asset.
- **Request Body**: `CreateAssetRequest` (JSON)
- **Responses**:
    - `200 OK`: Successful asset creation.
    - `401 Unauthorized`: User is not logged in.
    - `403 Forbidden`: User lacks permission.
    - `404 Not Found`: Resource does not exist.

`POST /assets/upload` - Upload Asset

- **Summary**: Uploads a new asset.
- **Request Body**:
    - `file` (form-data, required): The asset file to upload.
- **Responses**:
    - `200 OK`: Successful asset upload.

o `401 Unauthorized`: User is not logged in.

GET `/assets/{id}` - Get Asset Details

- **Summary**: Fetches details of a specific asset.
- **Parameters**:
  - `id` (path, required): Asset ID.
- **Responses**:
  - `200 OK`: Successful response with asset details.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Asset not found.

GET `/asset/{contract_address}/{token_id}` - Get Asset by Contract Address and Token ID

- **Summary**: Fetches details of a specific asset by contract address and token ID.
- **Parameters**:
  - `contract_address` (path, required): The contract address.
  - `token_id` (path, required): The token ID.
- **Responses**:
  - `200 OK`: Successful response with asset details.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Asset not found.

6. Creators API

GET `/creators` - Get List of Creators

- **Summary**: Fetches a list of creators.
- **Parameters**:
  - `q` (query, optional): Query string.
  - `offset` (query, optional): Offset for pagination.
  - `limit` (query, optional): Limit of items per page.
- **Responses**:
  - `200 OK`: Successful response with a list of creators.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Resource does not exist.

GET `/creators/{id}` - Get Creator Details

- **Summary**: Fetches details of a specific creator.
- **Parameters**:
  - `id` (path, required): Creator ID.
- **Responses**:
  - `200 OK`: Successful response with creator details.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Creator not found.

GET `/creators/{creator_id}/assets` - Get Creator's Assets

- **Summary**: Fetches a list of assets by a specific creator.
- **Parameters**:
  - `creator_id` (path, required): Creator ID.
  - `offset` (query, optional): Offset for pagination.
  - `limit` (query, optional): Limit of items per page.
- **Responses**:
  - `200 OK`: Successful response with a list of assets.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Assets not found.

7. Spotlight API

GET `/spotlight/assets/featured` - Get Featured Assets

- **Summary**: Fetches a list of featured assets.
- **Responses**:
  - `200 OK`: Successful response with featured assets.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Assets not found.

GET `/spotlight/assets/live` - Get Live Assets

- **Summary**: Fetches a list of live assets.
- **Responses**:
  - `200 OK`: Successful response with live assets.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Assets not found.

GET `/spotlight/creators/featured` - Get Featured Creators

- **Summary**: Fetches a list of featured creators.
- **Parameters**:
  - `q` (query, optional): Query string.
  - `offset` (query, optional): Offset for pagination.
  - `limit` (query, optional): Limit of items per page.
- **Responses**:
  - `200 OK`: Successful response with featured creators.
  - `401 Unauthorized`: User is not logged in.
  - `403 Forbidden`: User lacks permission.
  - `404 Not Found`: Creators not found.

Definitions

- **RegisterRequest**: Defines the structure for registering a new user account.
- **UpdateAccountRequest**: Defines the structure for updating account information.
- **AuthRequest**: Defines the structure for authenticating a user.
- **CreateAssetRequest**: Defines the structure for creating a new asset.