```yaml
openapi: 3.0.3
info:
  title: Netflix Clone API
  description: |
    This API supports a Netflix-like application, allowing users to browse, stream content,
manage accounts, and interact with watchlists and recommendations.
  version: 1.0.0
  contact:
    email: support@netflixclone.com
servers:
  - url: https://api.netflixclone.com/v1
tags:
  - name: User
    description: User account management
  - name: Movies
    description: Movie browsing and streaming
  - name: Watchlist
    description: Manage watchlists
  - name: Recommendations
    description: Personalized content recommendations
  - name: Subscriptions
    description: Subscription and payment management

paths:
  /user/register:
    post:
      tags:
        - User
      summary: Register a new user
      description: Create a new user account with basic details.
      operationId: registerUser
      requestBody:
        description: User registration details
        required: true
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/User'
      responses:
        '201':
          description: User registered successfully
        '400':
          description: Invalid input
```

```yaml
/user/login:
  post:
    tags:
      - User
    summary: Log in
    description: Authenticate a user with email and password.
    operationId: loginUser
    requestBody:
      description: User login details
      required: true
      content:
        application/json:
          schema:
            type: object
            properties:
              email:
                type: string
                format: email
              password:
                type: string
                format: password
    responses:
      '200':
        description: Login successful
      '401':
        description: Invalid credentials

/movies:
  get:
    tags:
      - Movies
    summary: Browse movies
    description: Get a list of available movies.
    operationId: browseMovies
    parameters:
      - name: genre
        in: query
        description: Filter by genre
        schema:
          type: string
      - name: year
        in: query
        description: Filter by release year
        schema:
```

```yaml
            type: integer
        - name: search
          in: query
          description: Search for a movie by title
          schema:
            type: string
      responses:
        '200':
          description: List of movies
          content:
            application/json:
              schema:
                type: array
                items:
                  $ref: '#/components/schemas/Movie'

  /movies/{movieId}:
    get:
      tags:
        - Movies
      summary: Get movie details
      description: Get details for a specific movie by ID.
      operationId: getMovieDetails
      parameters:
        - name: movieId
          in: path
          required: true
          schema:
            type: string
      responses:
        '200':
          description: Movie details
          content:
            application/json:
              schema:
                $ref: '#/components/schemas/Movie'

  /watchlist:
    get:
      tags:
        - Watchlist
      summary: Get watchlist
      description: Retrieve the current user's watchlist.
      operationId: getWatchlist
```

```yaml
    responses:
      '200':
        description: List of watchlist items
        content:
          application/json:
            schema:
              type: array
              items:
                $ref: '#/components/schemas/Movie'

  post:
    tags:
      - Watchlist
    summary: Add to watchlist
    description: Add a movie to the user's watchlist.
    operationId: addToWatchlist
    requestBody:
      description: Movie to add
      required: true
      content:
        application/json:
          schema:
            type: object
            properties:
              movieId:
                type: string
                description: ID of the movie to add
    responses:
      '201':
        description: Movie added to watchlist
      '400':
        description: Invalid input

/recommendations:
  get:
    tags:
      - Recommendations
    summary: Get recommendations
    description: Retrieve personalized recommendations for the current user.
    operationId: getRecommendations
    responses:
      '200':
        description: List of recommended movies
        content:
```

```yaml
        application/json:
          schema:
            type: array
            items:
              $ref: '#/components/schemas/Movie'

components:
  schemas:
    User:
      type: object
      properties:
        id:
          type: string
        name:
          type: string
        email:
          type: string
          format: email
        password:
          type: string
          format: password

    Movie:
      type: object
      properties:
        id:
          type: string
        title:
          type: string
        genre:
          type: string
        releaseYear:
          type: integer
        description:
          type: string
        rating:
          type: number
          format: float
```

Netflix Clone API `1.0.0` `OAS 3.0`

This API supports a Netflix-like application, allowing users to browse, stream content, manage accounts, and interact with watchlists and recommendations.

Contact the developer

Servers

https://api.netflixclone.com/v1 ⌄

User User account management ⌃

| POST | **/user/register** Register a new user | ⌄ |

| POST | **/user/login** Log in | ⌄ |

Movies Movie browsing and streaming ⌃

| GET | **/movies** Browse movies | ⌄ |

GET `/movies/{movieId}` Get movie details ⌄

Watchlist Manage watchlists ⌃

GET `/watchlist` Get watchlist ⌄

POST `/watchlist` Add to watchlist ⌄

Recommendations Personalized content recommendations ⌃

GET `/recommendations` Get recommendations ⌄

Subscriptions Subscription and payment management ⌃

Schemas ⌃

User ❯ ↵

Movie ❯ ↵