

# CUSTOMER ROUTES

## 1. AUTHENTICATION

POST /api/auth/register

Input: { email: string, password: string }

Output: { account\_id: int, email: string, subscription\_id: null, token: string }

POST /api/auth/login

Input: { email: string, password: string }

Output: { account\_id: int, email: string, subscription\_id: int, token: string }

POST /api/auth/logout

Input: None

Output: { message: "Logged out" }

GET /api/auth/me

Input: Authorization header

Output: { account\_id: int, email: string, subscription\_id: int, created\_at: timestamp }

## 2. ACCOUNT & SUBSCRIPTION

GET /api/account

Output: { account\_id: int, email: string, subscription\_id: int, created\_at: timestamp }

PUT /api/account

Input: { email: string(optional), password: string(optional) }

Output: { message: "Account updated" }

GET /api/account/subscription

Output: { subscription\_id: int, name: string, monthly\_price: number, max\_profiles: int }

PUT /api/account/subscription

Input: { subscription\_id: int }

Output: { message: "Subscription updated" }

### 3. PROFILES

GET /api/profiles

Output: [ { profile\_id: int, name: string, age\_rating\_pref: string } ]

POST /api/profiles

Input: { name: string, age\_rating\_pref: string }

Output: { profile\_id: int, name: string, age\_rating\_pref: string }

GET /api/profiles/{profile\_id}

Output: { profile\_id: int, name: string, age\_rating\_pref: string }

PUT /api/profiles/{profile\_id}

Input: { name: string(optional), age\_rating\_pref: string(optional) }

Output: { message: "Profile updated" }

DELETE /api/profiles/{profile\_id}

Output: { message: "Profile deleted" }

### 4. CONTENT BROWSING

GET /api/content

Query params: type, genre, year

Output: [ { content\_id: int, title: string, type: Movie|Show, description: string, release\_year: int } ]

GET /api/content/{content\_id}

Output: { content\_id: int, title: string, type: Movie|Show, description: string, release\_year: int }

GET /api/content/{content\_id}/media

Output: [ { media\_id: int, resolution: string, language: string, file\_path: string } ]

GET /api/content/{content\_id}/genres

Output: [ { genre\_id: int, name: string } ]

GET /api/content/{content\_id}/seasons

Output: [ { season\_id: int, season\_number: int } ]

GET /api/seasons/{season\_id}/episodes

Output: [ { episode\_id: int, title: string, episode\_number: int } ]

GET /api/episodes/{episode\_id}

Output: { episode\_id: int, title: string, episode\_number: int }

## 5. WISHLIST

GET /api/profiles/{profile\_id}/wishlist

Output: [ { content\_id: int, title: string } ]

POST /api/profiles/{profile\_id}/wishlist/{content\_id}

Output: { message: "Added to wishlist" }

DELETE /api/profiles/{profile\_id}/wishlist/{content\_id}

Output: { message: "Removed from wishlist" }

## 6. VIEWING HISTORY

GET /api/profiles/{profile\_id}/history

Output: [ { content\_id: int, last\_timestamp: number } ]

GET /api/profiles/{profile\_id}/history/{content\_id}

Output: { content\_id: int, last\_timestamp: number }

PUT /api/profiles/{profile\_id}/history/{content\_id}

Input: { last\_timestamp: number }

Output: { message: "History updated" }

DELETE /api/profiles/{profile\_id}/history/{content\_id}

Output: { message: "History removed" }

# ADMIN ROUTES

## 1. ADMIN AUTHENTICATION

POST /api/admin/login

Input: { username: string, password: string }

Output: { admin\_id: int, token: string }

POST /api/admin/logout

Output: { message: "Logged out" }

## 2. SUBSCRIPTION PLAN MANAGEMENT

GET /api/admin/subscriptions

Output: [ { subscription\_id: int, name: string, max\_profiles: int, monthly\_price: number } ]

POST /api/admin/subscriptions

Input: { name: string, max\_profiles: int, monthly\_price: number }

Output: { subscription\_id: int }

GET /api/admin/subscriptions/{subscription\_id}

Output: { subscription\_id: int, name: string, max\_profiles: int, monthly\_price: number }

PUT /api/admin/subscriptions/{subscription\_id}

Input: { name: string(optional), max\_profiles: int(optional), monthly\_price: number(optional) }

Output: { message: "Subscription plan updated" }

DELETE /api/admin/subscriptions/{subscription\_id}

Output: { message: "Subscription plan deleted" }

## 3. ACCOUNT MANAGEMENT

GET /api/admin/accounts

Output: [ { account\_id: int, email: string, subscription\_id: int, created\_at: timestamp } ]

GET /api/admin/accounts/{account\_id}

Output: { account\_id: int, email: string, subscription\_id: int, created\_at: timestamp }

PUT /api/admin/accounts/{account\_id}

Input: { email: string(optional), subscription\_id: int(optional) }

Output: { message: "Account updated" }

DELETE /api/admin/accounts/{account\_id}

Output: { message: "Account deleted" }

#### 4. CONTENT MANAGEMENT

GET /api/admin/content

Output: [ { content\_id: int, title: string, type: Movie|Show } ]

POST /api/admin/content

Input: { title: string, type: Movie|Show, description: string, release\_year: int }

Output: { content\_id: int }

GET /api/admin/content/{content\_id}

Output: { content\_id: int, title: string, type: Movie|Show, description: string, release\_year: int }

PUT /api/admin/content/{content\_id}

Input: { title: string(optional), description: string(optional), release\_year: int(optional) }

Output: { message: "Content updated" }

DELETE /api/admin/content/{content\_id}

Output: { message: "Content deleted" }

#### 5. MEDIA FILE MANAGEMENT

POST /api/admin/content/{content\_id}/media

Input: { resolution: string, language: string, file\_path: string }

Output: { media\_id: int }

DELETE /api/admin/media/{media\_id}

Output: { message: "Media file deleted" }

#### 6. GENRE MANAGEMENT

GET /api/admin/genres

Output: [ { genre\_id: int, name: string } ]

POST /api/admin/genres

Input: { name: string }

Output: { genre\_id: int }

PUT /api/admin/genres/{genre\_id}

Input: { name: string }

Output: { message: "Genre updated" }

DELETE /api/admin/genres/{genre\_id}

Output: { message: "Genre deleted" }

POST /api/admin/content/{content\_id}/genres/{genre\_id}

Output: { message: "Genre linked to content" }

DELETE /api/admin/content/{content\_id}/genres/{genre\_id}  
Output: { message: "Genre unlinked from content" }

## **7. SEASONS & EPISODES**

POST /api/admin/content/{content\_id}/seasons  
Input: { season\_number: int }  
Output: { season\_id: int }

PUT /api/admin/seasons/{season\_id}  
Input: { season\_number: int }  
Output: { message: "Season updated" }

DELETE /api/admin/seasons/{season\_id}  
Output: { message: "Season deleted" }

POST /api/admin/seasons/{season\_id}/episodes  
Input: { title: string, episode\_number: int }  
Output: { episode\_id: int }

PUT /api/admin/episodes/{episode\_id}  
Input: { title: string(optional), episode\_number: int(optional) }  
Output: { message: "Episode updated" }

DELETE /api/admin/episodes/{episode\_id}  
Output: { message: "Episode deleted" }