

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" }