

STREAMTRACK EVENTS TRACK



StreamTrack Event Monitoring System

This document catalogs all 28 frontend events tracked by the application, organized by functional area.

1. Session Management

SESSION_START

Trigger: Application loads for the first time

Metadata: `timestamp` , `userAgent` , `screenResolution`

SESSION_END

Trigger: User closes or leaves the application

Metadata: `sessionDuration` , `pagesVisited`

USER_INACTIVE

Trigger: User remains inactive for 60 seconds

Metadata: `inactiveDuration` (60 seconds)

2. Page Navigation & Views

PAGE_VIEW

Trigger: Fired on page load for:

- Home (`page: 'home'`)
- Search (`page: 'search'`)

- Category (`page: 'category'`)
- Details (`page: 'details'`)
- Watchlist (`page: 'watchlist'`)
- Profile (`page: 'profile'`)

NAVIGATION_CLICK

Trigger: User clicks on Home / Search / Browse / Watchlist navigation

Metadata: `destination`

BACK_BUTTON_CLICK

Trigger: User presses "Back" button on details page

Metadata: `from: 'details'` , `itemId`

3. Scrolling & Activity Tracking

SCROLL

Trigger: User scrolls the Home page (debounced)

Metadata: `page: 'home'` , `scrollDepth` (percentage)

4. Search Functionality

SEARCH_TYPED

Trigger: User types in the search box

Metadata: `query` , `length`

SEARCH_EXECUTED

Trigger: User clicks the Search button

Metadata: `query` , `resultsExpected: true`

SEARCH_RESULTS

Trigger: Search results are computed and displayed

Metadata: `query` , `resultCount`

SEARCH_RESULT_CLICK

Trigger: User clicks on a search result

Metadata: `itemId` , `query`

SUGGESTION_CLICKED

Trigger: User clicks an autocomplete suggestion

Metadata: `suggestion` , `previousQuery`

5. Content Interaction

CLICK

Trigger: User clicks any movie card

Metadata: `itemId` , `itemTitle` , `location: 'card'`

HERO_PLAY_CLICK

Trigger: User clicks "Play Now" on Hero banner

Metadata: `itemId`

HERO_INFO_CLICK

Trigger: User clicks "More Info" on Hero banner

Metadata: `itemId`

ITEM_OPENED

Trigger: User opens item from Category page

Metadata: `itemId` , `title` , `category` , `sortBy`

SIMILAR_ITEM_CLICK

Trigger: User clicks on similar/recommended movies

Metadata: `fromItemId` , `toItemId`

6. Video Playback

WATCH_START

Trigger: User presses the Play button

Metadata: `itemId` , `itemTitle` , `timestamp`

WATCH_DURATION

Trigger: Fired every 10 seconds during video playback

Metadata: `itemId` , `itemTitle` , `duration` (in seconds)

WATCH_END

Trigger: User stops or completes the video

Metadata: `itemId` , `itemTitle` , `duration`

7. User Collections

LIKE

Trigger: User likes or unlikes content

Metadata: `itemId` , `title` , `action: 'like'` or `'unlike'`

ADD_TO_LIST

Trigger: User adds item to watchlist

Metadata: `itemId` , `title` , `listName: 'watchlist'`

REMOVE_FROM_LIST

Trigger: User removes item from watchlist

Metadata: `itemId` , `title` , `listName`

WATCHLIST_FILTER

Trigger: User filters watchlist by category

Metadata: `category`

8. Category Management

CATEGORY_SELECTED

Trigger: User selects a category

Metadata: `category` , `previousCategory`

SORT_CHANGED

Trigger: User changes sort order (trending / rating / year)

Metadata: `sortBy` , `category`

9. User Profile

PROFILE_UPDATED

Trigger: User updates their profile information

Metadata: `name` , `email` , `fieldsUpdated`

10. Authentication

LOGOUT_CLICK

Trigger: User clicks the Logout button

Metadata: *(none)*



Total Events Tracked: 28

This comprehensive event tracking system covers all major user interactions across session management, navigation, search, content interaction, video playback, user collections, and account management.