

# 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)

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## 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`

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## 3. Scrolling & Activity Tracking

### SCROLL

**Trigger:** User scrolls the Home page (debounced)

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

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## 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`

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## 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`

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## 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`

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## 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`

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## **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`

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## **9. User Profile**

### **PROFILE\_UPDATED**

**Trigger:** User updates their profile information

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

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## **10. Authentication**

### **LOGOUT\_CLICK**

**Trigger:** User clicks the Logout button

## Metadata: (none)

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### 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.