# **Movie Randomizer Functionality Guide**

## 1. Home (index.html)

* **Purpose:** Landing page introducing the application.
* **Key Features:**
  + Welcome header
  + Movie thumbnails as static preview
  + Feature highlights (Randomizer, Logic filters, Collection)
  + Navigation to:
    - Login (login.html)
    - Register (register.html)

## **🔐** 2. Register (register.html → register.php)

* **Form Fields:**
  + Username
  + Email
  + Password / Confirm Password
  + Preferred Genre / Mood / Runtime Range
* **Process:**
  + Client-side validation with JavaScript
  + On submit: sends data via POST to register.php
  + register.php saves user to users table and redirects to login

## 🔑 3. Login (login.html → login.php)

* **Form Fields:**
  + Username
  + Password
* **Process:**
  + login.php verifies credentials using password\_verify()
  + On success: saves session user\_id and redirects to main\_menu.php
  + On failure: shows error inline message

## 🧭 4. Main Menu (main\_menu.php)

* **Greeting:** “Welcome back, [USERNAME]”
* **Options:**
  + Watch a Movie → watch.php
  + Manage My Collection → manage\_collection.php
  + Logout → logout.php

## 🍿 5. Watch (watch.php)

* **Options Presented as Buttons:**
  + **Use Saved Preferences:** redirects to spin.php with user prefs
  + **Choose New Preferences:** shows a preference form (genre, mood, runtime), submits via AJAX or form to spin.php
  + **Spin the Wheel (Random):** triggers random call to spin\_wheel.php (AJAX or redirect)

## 🔄 6. Spin Logic

* **spin.php**
  + Handles preference-based filtering using $\_SESSION or $\_POST
  + Loads movie list using logic (genre, mood, runtime)
* **spin\_wheel.php**
  + Returns a random movie (from all movies or filtered list)
  + Used via fetch() in JavaScript

## 🎞️ 7. Collection Management (manage\_collection.php)

* **Sections:**
  + **My Collection List:**
    - Loads user’s movies using fetchCollection() from collection\_get.php
    - Each entry has poster, details, and a **Remove** button
    - **Remove** triggers fetch("collection\_remove.php", POST)
  + **Search:**
    - Input box filters movies via search\_movies.php
    - Results show with **Add** button if not already in collection
    - **Add** triggers fetch("collection\_add.php", POST)
    - Success triggers:
      * fetchCollection() again
      * searchInput.dispatchEvent(new Event("input")) to reapply filter

## 🚪 8. Logout (logout.php)

* **Process:**
  + Clears session
  + Redirects to login.html