



Faculty of Computers and Artificial Intelligence

Cairo University

Spring - 2023

Software Testing & QA Course

Robot Framework + Selenium - Assignment#2

Deadline & Submission:

1. Teams: Form a team of 2 students **only** from the same group or the same TA.
2. Upload it on Classroom with a file named:

A1_student1ID_student2ID_student3ID_GroupName.zip

e.g., A1_20130001_20130002_S1_S2.zip

3. Cheating could lead to severe consequences.
4. The assignment Deadline is **Friday, the 12th of May 2023, at 11:59 pm.**

Assignment Description:

Given the below three scenarios, you're required to create one Test Suite containing 3 Test cases and one separate test case for each scenario, where you should add the suitable test scripts that can confirm the success of these scenarios using Robot Framework.

Deliverables

One folder containing one TestSuite.robot file.

Scenario 1: Verify user can search for a movie on the IMDb homepage

- **Given** that the user is on the IMDb homepage "https://www.imdb.com/"
- **When** the user enters a search query "The Shawshank Redemption" (or any other movie name) in the search bar.
- **And** clicks the search button
- **Then** the search results page should display movies related to the search query.
- And the first search result should be "The Shawshank Redemption" movie i.e. the name written in the search query.

Scenario 2: Verify user can access the top-rated movies section

- **Given** that the user is on the IMDb homepage "https://www.imdb.com/".
- **When** the user clicks on the "Top 250 Movies" link in the header.
- **Then** the user should be directed to the Top 250 Movies movies section page.
- **And** the page should display a list of the Top 250 Movies.
- **And** the first movie in the list should be "The Shawshank Redemption"

Scenario3: Verify user can search for movies released in a specific year on IMDb

- **Given** that the user is on the IMDb homepage "https://www.imdb.com/"
- **When** the user clicks on the "Advanced Search" link in the search bar filter
- The user would then be redirected to a page containing "Advanced Title Search" link, which he should click.
- **And** selects "Feature Film" as title type
- **And** selects the "Action" genre from Genres.
- **And** enters a start year and end year in the "Release Date" fields (2010 - 2020).
- **And** clicks the "Search" button
- **Then** the search results page should display a list of Action movies released between 2010 and 2020, sorted by User Rating (Higher ratings appear first, i.e. descendingly).