



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).