# Assignment 5 UI Web Automation Testing

### **Assignment Objectives:**



- Functional testing for applications with Web UI.
- Use JUnit for implementing the test cases.
- Use of archetype Serenity, JUnit; [See Info-Web-UI-serenity-junit in Teams General->Files->LabTutorials]



#### Assignment = In-Class assignment + Take-Home assignment

- In-Class assignment
  - o First hour of the laboratory.
  - o Maxim 25 XP
  - o TO DO:
    - 1. UI Web Automation Testing
      - Create project archetype (10XP)
      - Implementing 2 test cases (add 2 more terms to search). (10XP)
      - Generate documentation using "aggregate" (5 XP)
- Take-Home assignment
  - o At home.
  - o Maxim 75 XP
  - o TO DO:
    - 1. Use DDT. Create a csv file with the input date to be tested.
      - For a chosen web page (e.g., www.eximtur.ro, www.emag.ro, www.cs.ubbcluj.ro), identify and test 2 functionalities (add, search, filter, etc) of the web page.
      - a. For each functionality 2 test cases will be created (1 test case with valid data and 1 test case with invalid data). (50XP)
      - b. Generate documentation using "aggregate" (25 XP)

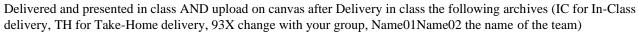


#### **Assignment and Delivery date:**

- 1. Assignment date: laboratory 5
- 2. Delivery date for **In-Class assignment:** laboratory 5 (max 25 XP)
- 3. Delivery date (first) **for Take-Home assignment**: laboratory 6 (max 75 XP)



## Turn in:



- a. Lab5\_IC\_93X\_Name01Name02.zip
  - i. Source code:Implementation of the test cases.
  - ii. The generated documentation of the testing test cases using "aggregate".
- b. Lab5 TH 93X Name01Name02.zip
  - i. Source code:Implementation for the UI Web
  - ii. Source code: Implementation of the test cases.
  - iii. The generated documentation of the testing test cases using "aggregate".



**References -** See Lecture 5-EVOZON.