**Testing the functionalities of the website www.olx.ro**

OLX is an online marketplace founded in 2006, operating in 45 countries. It is the largest classified ads site in India, Brazil, Poland, and Romania. The platform facilitates the buying and selling of both mobile and immobile goods by registered users. In addition to basic features, OLX integrates modules such as requesting shipping through the Romanian Post or courier services, as well as the option to apply for jobs based on the user's profile created on the site.

As part of the project, the functionalities of logging in and posting an advertisement were tested using the following hardware configuration: a Lenovo laptop equipped with an Intel Core i3-4000M CPU 2.40 GHz, 8 GB RAM, and software including Windows 10 Pro, version 21H2, installed on March 8, 2022. The internet browser used was Google Chrome, version 101.0.4951.54 (Official Build) (64-bit).

**Conclusions:**

At the time of testing the mentioned functionalities, no critical bugs were found within the website.

1. **LOGIN FUNCTIONALITY**

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| **Test design - LOGIN** | | | |
| **Title** | Login functionality on www.olx.ro | | |
| **Description** | User will check the existence and functionality of the login on www.olx.ro | | |
| **Precondition** | User will navigate to www.olx.ro, using Google Chrome browser | | |
| **Steps** | 1. User will access the login page “Contul meu”. | **Expected result** | The login page will open. |
| 1. User will access an already existing account using correct credentials. | **Expected result** | User can log into the account. |
| 1. User will access an already existing account using an incorrect email format. | **Expected result** | User can’t log into the account. |
| 1. User will access an already existing account using an incorrect password. | **Expected result** | User can’t log into the account. |
| 1. User will create a new account using correct credentials. | **Expected result** | User can create a new account. |
| 1. User will create a new account using an incorrect email format. | **Expected result** | User can’t create a new account. |
| 1. User will create a new account using an incorrect password format. | **Expected result** | User can’t create a new account. |

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| **Test case no. 1 - LOGIN PAGE** | |
| **Title** | Login page |
| **Description** | User will access the login page “Contul meu”. |
| **Precondition** | User will navigate to www.olx.ro page, using Google Chrome browser |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| **Expected result** | The login page with the possibility to enter or create a new account opens. |
| **Actual result** | The login page with the possibility to enter or create a new account opens. |

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| **Test case no. 2 – access an account with CORRECT CREDENTIALS** | |
| **Title** | Accessing the account |
| **Description** | User will access an already existing account using correct credentials. |
| **Precondition** | User will navigate to www.olx.ro - Contul meu – Intra in cont, using Google Chrome browser. |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| 1. User will enter a correct email and password format/login with a Facebook or Google account. |
| **Expected result** | User can log into the account. |
| **Actual result** | User can log into the account. |

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| **Test case no. 3 - log into an account with INCORRECT EMAIL** | |
| **Title** | Incorrect email format |
| **Description** | User will access an already existing account using an incorrect email format. |
| **Precondition** | User will navigate to www.olx.ro - Contul meu – Intra in cont, using Google Chrome browser. |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| 1. User will enter an incorrect email format (ex. testemail@inexistingdomain.) |
| 1. User will enter the correct password of the account. |
| **Expected result** | The message “Formatul nu pare a fi cel al unei adrese de e-mail. Revizuieste-l si hai sa trecem la pasul urmator.” will appear. User can’t log into the account. |
| **Actual result** | User can’t log into the account. |

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| **Test case no. 4 - log into an account with INCORRECT PASSWORD** | |
| **Title** | Incorrect password |
| **Description** | User will access an already existing account using an incorrect password. |
| **Precondition** | User will navigate to www.olx.ro - Contul meu – Intra in cont, using Google Chrome browser. |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| 1. User will enter the correct email of the account. |
| 1. User will enter an incorrect password of the account. |
| **Expected result** | The message “Nume de utilizator sau parola gresita.” will appear. |
| **Actual result** | User can’t log into the account |

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| **Test case no. 5 – create an account with CORRECT CREDENTIALS** | |
| **Title** | Account creation with correct credetials |
| **Description** | User will create a new account using correct credentials. |
| **Precondition** | User will navigate to www.olx.ro - Contul meu – Creeaza un cont, using Google Chrome browser. |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| 1. User will click “Intra in cont” button. |
| 1. User will enter a valid email. |
| 1. User will enter a valid password (containing at least one number, one upper case letter and one special character) |
| 1. User will check the terms of agreement box, CAPTCHA box and click the “Inregistreaza-te” button. |
| **Expected result** | The message “Hai sa iti activezi contul” will appear and an email for the validation of the new account will be received by the user. User can create a new account. |
| **Actual result** | User can create a new account. |

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| **Test case no. 6 – create an account with an INCORRECT EMAIL FORMAT** | |
| **Title** | Account creation with incorrect email. |
| **Description** | User will create a new account using an incorrect email format. |
| **Precondition** | User will navigate to www.olx.ro - Contul meu – Creeaza un cont, using Google Chrome browser. |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| 1. User will click “Intra in cont” button. |
| 1. User will enter an incorrect email format (ex. testemail@inexistingdomain.) |
| 1. User will enter a valid password (containing at least one number, one upper case letter and one special character) |
| 1. User will check the terms of agreement box, CAPTCHA box and click the “Inregistreaza-te” button. |
| **Expected result** | The message “Formatul nu pare a fi cel al unei adrese de e-mail. Revizuieste-l si hai sa trecem la pasul urmator” will appear. User can’t create a new account. |
| **Actual result** | User can’t create a new account. |

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| **Test case no. 7 – create an account with an INVALID PASSWORD FORMAT** | |
| **Title** | Account creation with incorrect password. |
| **Description** | User will create a new account using an incorrect password format. |
| **Precondition** | User will navigate to www.olx.ro - Contul meu – Creeaza un cont, using Google Chrome browser. |
| **Steps** | 1. User will open the Google Chrome browser. |
| 1. User will type www.olx.ro in the address bar and press enter. |
| 1. User will click on the “Contul meu” button. |
| 1. User will click “Intra in cont” button. |
| 1. User will enter a correct email address. |
| 1. User will enter an invalid password (doesn’t contain a special character). |
| 1. User will check the terms of agreement box, CAPTCHA box and click the “Inregistreaza-te” button. |
| **Expected result** | The message “Parola trebuie sa contina cel putin un numar, o majuscula si un simbol” will appear. User can’t create a new account. |
| **Actual result** | User can’t create a new account. |

1. **POSTING AND AD FUNCTIONALITY**

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| **Test design - POSTING AN AD** | | | |
| **Title** | Posting an ad | | |
| **Description** | User will check the functionality of posting an ad on www.olx.ro – Adauga anunt nou page. | | |
| **Precondition** | User will navigate to www.olx.ro – Adauga anunt nou page, using Google Chrome browser. | | |
| **Steps** | 1. User will post a new ad after accessing an existing account, without respecting the request to enter at least 16 characters in the Adauga un titlu box. | **Expected result** | User can’t post a new ad. |
| 1. User will post a new ad after accessing an existing account, without respecting the request of not using an upper case letter in the title. | **Expected result** | User can’t post a new ad. |
| 1. User will post a new ad after accessing an existing account, without respecting the request of not using an email in the title. | **Expected result** | User can’t post a new ad. |
| 1. User will post a new ad after accessing an existing account, without respecting the request of not using a phone number in the title. | **Expected result** | User can’t post a new ad. |

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| **Test case no. 1 – post a new ad WITHOUT ENTERING ENOUGH CHARACTERS** | |
| **Title** | Ad posting without the necessary word length |
| **Description** | User will post a new ad after accessing an existing account, without respecting the request to enter at least 16 characters in the Adauga un titlu box. |
| **Precondition** | User will navigate to [www.olx.ro](http://www.olx.ro) – Adauga anunt nou page, being logged into an account, using Google Chrome browser. |
| **Steps** | * + - 1. User will navigate to [www.olx.ro](http://www.olx.ro) – Contul meu |
| * + - 1. User will login into an account. |
| 1. User will click on the Adauga anunt nou button. |
| 1. User will enter a value shorter than 16 characters in the Adauga un titlu box. |
| **Expected result** | The message “ Titlurilor le trebuie cel puțin 16 caractere” will appear and the following will pop-up: “Gandeste-te la un titlu clar si captivant pentru a atrage potentiali cumparatori. Exista cateva lucruri pe care nu le vei putea include in titlu: majuscule, numere de telefon, e-mailuri si linkuri”.  User can’t post a new ad. |
| **Actual result** | User can’t post a new ad. |

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| **Test case no. 2 – post a new ad USING AN UPPER-CASE LETTER IN THE TITLE** | |
| **Title** | Ad posting using an upper-case letter in the title |
| **Description** | User will post an ad on the site after accessing an existing account, without respecting the request of not using an upper-case letter in the title. |
| **Precondition** | User will navigate to [www.olx.ro](http://www.olx.ro) – Adauga anunt nou page, being logged into an account, using Google Chrome browser. |
| **Steps** | * + - 1. User will navigate to [www.olx.ro](http://www.olx.ro) – Contul meu |
| * + - 1. User will login into an account. |
| * + - 1. User will click on the Adauga anunt nou button. |
| * + - 1. User will enter a value of at least 16 characters in the Adauga un titlu box, but using an upper case letter. |
| **Expected result** | The message “ Titlurilor le trebuie cel puțin 16 caractere” will appear and the following will pop-up: “Gandeste-te la un titlu clar si captivant pentru a atrage potentiali cumparatori. Exista cateva lucruri pe care nu le vei putea include in titlu: majuscule, numere de telefon, e-mailuri si linkuri”.  User can’t post a new ad. |
| **Actual result** | **User can post a new ad.** |

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| **Test case no. 3 – post a new ad USING AN EMAIL IN THE TITLE** | |
| **Title** | Ad posting using an email in the title |
| **Description** | User will post a new ad after accessing an existing account, without respecting the request of not using an email in the title. |
| **Precondition** | User will navigate to [www.olx.ro](http://www.olx.ro) – Adauga anunt nou page, being logged into an account, using Google Chrome browser. |
| **Steps** | * + - 1. User will navigate to [www.olx.ro](http://www.olx.ro) – Contul meu |
| * + - 1. User will login into an account. |
| * + - 1. User will click on the Adauga anunt nou button. |
| * + - 1. User will enter an e-mail address in the Adauga un titlu box. |
| **Expected result** | The message “ Titlul nu ar trebui sa contina adrese de e-mail” will appear and the following will pop-up: “Gandeste-te la un titlu clar si captivant pentru a atrage potentiali cumparatori. Exista cateva lucruri pe care nu le vei putea include in titlu: majuscule, numere de telefon, e-mailuri si linkuri”.  User can’t post a new ad. |
| **Actual result** | User can’t post a new ad. |

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| **Test case no. 4 – post a new ad USING A PHONE NUMBER IN THE TITLE** | |
| **Title** | Ad posting using a phone number in the title |
| **Description** | User will post a new ad after accessing an existing account, without respecting the request of not using a phone number in the title. |
| **Precondition** | User will navigate to www.olx.ro – Adauga anunt nou page, being logged into an account, using Google Chrome browser. |
| **Steps** | 1. User will navigate to www.olx.ro – Contul meu |
| 1. User will login into an account. |
| 1. User will click on the Adauga anunt nou button. |
| 1. User will enter a phone number in the Adauga un titlu box and continue to complete the value until it reaches 16 characters. |
| **Expected result** | The message “ Te rugam sa scoti numarul de telefon din acest camp” will appear and the following will pop-up: “Gandeste-te la un titlu clar si captivant pentru a atrage potentiali cumparatori. Exista cateva lucruri pe care nu le vei putea include in titlu: majuscule, numere de telefon, e-mailuri si linkuri”.  User can’t post a new ad. |
| **Actual result** | User can’t post a new ad. |