**OAC Checklist v001**

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| Rule number: | 1.0.0 |
| Rule title: | **Successful login** |
| Rule description: | Test if the user is able to login successfully. |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter a valid username and a valid password in the respective fields.  4) Click login. |
| Passes if: | The correct user is logged in. |
| Fails if: | The error message appears.  The user is not logged in. Another incorrect user is logged in. |
| Notes: | User must be registered already. |

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| Rule number: | 1.1.0 |
| Rule title: | **Unsuccessful login** |
| Rule Description: | Test if unregistered users are able to login |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter invalid an username and an invalid password in the respective fields.  4) Click login. |
| Passes if: | The error message appears.  The user is not logged in. |
| Fails if: | The user is logged in. |
| Notes: | The username must not be registered in the system. |

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| Rule number: | 1.2.0 |
| Rule title: | **Empty password** |
| Rule Description: | Test the login with a valid username and an empty password |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter valid username and leave the password field empty.  4) Click login. |
| Passes if: | The error message appears.  The user is not logged in. |
| Fails if: | The user is logged in. |
| Notes: |  |

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| Rule number: | 1.2.1 |
| Rule title: | **Empty username** |
| Rule Description: | Test with an empty username and a valid password |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Leave the username field empty and enter a valid password in the password field.  4) Click login. |
| Passes if: | An error message appears informing that the username field is empty. |
| Fails if: | A random user is logged in the system. |
| Notes: |  |

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| Rule number: | 1.3.0 |
| Rule title: | Empty fields |
| Rule Description: | Test if the username and password fields are empty |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Leave username and password fields empty.  4) Try to click the login button. |
| Passes if: | The Login button is not functional. |
| Fails if: |  |
| Notes: |  |

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| Rule number: | 1.4.0 |
| Rule title: | **Case sensitivity** |
| Rule Description: | Check if the login function handles case sensitivity correctly |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter a case sensitively incorrect username or password.  4) Click login. |
| Passes if: | The error message appears.  The user is not logged in. |
| Fails if: | The user is logged in. |
| Notes: |  |

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| Rule number: | 1.5.0 |
| Rule title: | **Copy password** |
| Rule Description: | After logging in try to copy or cut the password and paste it in another field |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter valid a username and a valid password in the respective fields.  4) Copy the entered password to a regular text field or text editor. |
| Passes if: | Password is not pasted. |
| Fails if: | Password is pasted. |
| Notes: |  |

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| Rule number: | 1.6.0 |
| Rule title: | **Account lock** |
| Rule Description: | Verify that the account is locked after five times of unsuccessful user logins. |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter an invalid username or an invalid password in the respective fields.  4) Click login.  5) Repeat steps 3) and 4) four times. |
| Passes if: | An error message appears informing the user that he is unable to log in for five minutes.  The user is unable to login for five minutes. |
| Fails if: | The error message does not appear.  The user is able to login within the next five minutes. |
| Notes: |  |

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| Rule number: | 1.7.0 |
| Rule title: | **Back button** |
| Rule Description: | Check if clicking on the Back button after logging out does not sign in the user |
| Procedure: | 1) Open the web site of The Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter a valid username and a valid password in the respective fields  4) Click login.  5) Logout.  6) Click on the Back button. |
| Passes if: | The user is not logged in. |
| Fails if: | The user is logged in again. |
| Notes: | The button “Back” is integrated in the web browser. |

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| Rule number: | 1.8.0 |
| Rule title: | **Login URL** |
| Rule Description | Copying the URL of a signed in user and pasting it after logging out should not result in a successful login |
| Procedure: | 1) Open the web site of the Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter a valid username and a valid password on the respective fields  4) Click login.  5) Navigate to the URL address of the web site.  6) Copy the URL address.  7) Logout.  8) Paste the URL address in the address bar.  9) Enter the page |
| Passes if: | The user is not logged in. |
| Fails if: | The user is logged in. |
| Notes: |  |

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| Rule number: | 1.9.0 |
| Rule title: | **Auto Logout** |
| Rule Description: | The user should be logged out if he presses the Backspace button |
| Procedure: | 1) Login to the site with a valid user.  2) Press the Backspace button. |
| Passes if: | The user is logged out. |
| Fails if: | The user is still logged in. |
| Notes: |  |

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| Rule number: | 1.10.0 |
| Rule title: | **Forgotten Password** |
| Rule Description: | Check that the Forgotten Password hyperlink is visible |
| Procedure: | 1) Open the web site of the Online Automobile Configurator.  2) Navigate to the sign in section. |
| Passes if: | There is a “Forgotten Password” hyperlink. |
| Fails if: | The “Forgotten Password” hyperlink is inactive.  The “Forgotten Password” hyperlink is not visible.  The “Forgotten Password” hyperlink is inaccessible. |
| Notes: |  |

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| Rule number: | 1.11.0 |
| Rule title: | **Login Session timeout** |
| Rule Description: | Verify that the user is logged out after 10 minutes of inactivity |
| Procedure: | 1) Open the web site of the Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter a valid username and a valid password in the respective fields  4) Click login.  5) Leave the website idle for 11 minutes.  6) Perform some action. |
| Passes if: | The user login session has expired and the user is logged out. |
| Fails if: | The user can perform the action.  The user’s session has not expired.  The user has not been logged out. |
| Notes: | If the user logs in, begins constructing a build and then leaves the website idle for 10 minutes, after being logged out due to his session’s expiration, when he logs back in all of his modifications should be saved. The user must not lose progress if his session expires. |

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| Rule number: | 1.12.0 |
| Rule title: | **Different browsers** |
| Rule Description: | Verify simultaneous logins to the application from different browsers |
| Procedure: | 1) Open the web site of the Online Automobile Configurator.  2) Navigate to the sign in section.  3) Enter a valid username and a valid password in the respective fields  4) Click login.  5) Open a second browser.  6) Log in with the same username and password.  7) Repeat steps from 1) to 6) with the same username and password for all supported browsers |
| Passes if: | The user is unable to log in. |
| Fails if: | The user can log in properly with actual data. |
| Notes: |  |