**Test Cases for Users Login functionality**

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| Rule title | **TCLF\_01-Successful login** |
| Rule Description | Test if user is able to login successfully. |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and valid password on the respective fields  4) Click submit/login |
| Passes if | The correct user is logged in. |
| Fails if | The error message appears. The user is not logged in. Other incorrect user is logged in. |
| Notes | User must be registered already. |

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| Rule title | **TCLF\_02-Unsuccessful login** |
| Rule Description | Test if unregistered users is not able to login to the site |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter invalid username and invalid password on the respective fields  4) Click submit/login |
| Passes if | The error message appears. The user is not logged in. |
| Fails if | The user is logged in. |
| Notes | The username must be not registered in system. |

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| Rule title | **TCLF\_03-Empty password** |
| Rule Description | Test with valid username and empty password |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and leave the password field empty.  4) Click submit/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 title | **TCLF\_04-Empty username** |
| Rule Description | Test with empty username and valid password such that login must get failed |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Leave username field empty and enter valid password in password field.  4) Click submit/login |
| Passes if | The error message appears that the username field is empty. |
| Fails if | Some random user is logged in system. |
| Notes |  |

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| Rule title | **TCLF\_05-Empty fields** |
| Rule Description | Test if the username and password fields are empty login button must be not visible. |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Leave username and password fields empty.  4) Try to click submit/login. |
| Passes if | The Login button is not visible. |
| Fails if | User can click on Login button. |
| Notes |  |

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| Rule title | **TCLF\_06-Case sensitivity** |
| Rule Description | Check if the login function handles case sensitivity |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter the case changed username/password in the respective field.  4) Click submit/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 title | **TCLF\_07-Copy password** |
| Rule Description | After logging in try to copy/cut the password and paste it on another field (passwords are usually in \* such that its not visible on the screen) |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and valid password on the respective fields  4) Copy entered password to clipboard.  5) Select new text field.  6) Paste already copied password. |
| Passes if | Password shouldn’t get pasted. |
| Fails if | Password appears. |
| Notes |  |

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| Rule title | **TCLF\_08-Account lock** |
| Rule Description | Verify account lock after five times of unsuccessful user login. |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter invalid username or valid password on the respective fields.  4) Click submit/login.  5) Repeat steps 3) and 4) four times again. |
| Passes if | The error message appears, that the user is locked for five minutes. |
| Fails if | Nothing happens, the user is able to try to log again. |
| Notes |  |

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| Rule title | **TCLF\_09-Back button** |
| Rule Description | Check if on selecting back button (after logging out) if the user is not signed in |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and valid password on the respective fields  4) Click submit/login  5) Logout user.  6) Click on the button “Back”. |
| Passes if | The user is not logged in. |
| Fails if | The user is logged in again. |
| Notes | The button “Back” is in the web browser. |

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| Rule title | **TCLF\_10-Login URL** |
| Rule Description | Verify the url without logging into to the site |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and valid password on the respective fields  4) Click submit/login  5) Navigate to the url address of the web site.  6) Copy URL address.  7) Logout user.  8) Paste URL address in the address bar. |
| Passes if | The user is not logged in. |
| Fails if | The user is logged in again. |
| Notes |  |

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| Rule title | **TCLF\_11-Auto Logout** |
| Rule Description | Automatic logout of the site when pressing backspace button |
| Procedure | 1) Login to the site with valid user.  2) Click on “Backspace” button. |
| Passes if | The user logout of the site properly |
| Fails if | The user is still logged in. |
| Notes |  |

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| Rule title | **TCLF\_12-Forgotten Password** |
| Rule Description | Check the Forgotten Password hyperlink is visible |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section. |
| Passes if | There is a “Forgotten Password” hyperlink. |
| Fails if | Forgotten Password hyperlink is inactive, not visible and the user can't reach it. |
| Notes |  |

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| Rule title | **TCLF\_13-Login Session timeout** |
| Rule Description | Verify the user login session timeout of 10 minutes user inactivity. |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and valid password on the respective fields  4) Click submit/login  5) Wait 11 minutes with no user actions.  6) Try some action. |
| Passes if | The user login session is expired and user is logged out. |
| Fails if | The user can perform the action. |
| Notes |  |

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| Rule title | **TCLF\_14-Different browsers** |
| Rule Description | Verify simultaneous login to application on different browsers |
| Procedure | 1) Open web site of The Online Automobile Configurator.  2) Navigate to sign in section.  3) Enter valid username and valid password on the respective fields  4) Click submit/login  5) Open new browser application.  6) Repeat steps from 1) to 4) again |
| Passes if | The user can log properly with actual data. |
| Fails if | The user can't log in. |
| Notes | Use web browsers such as Mozilla Firefox, Google Chrome, Safari, Internet Explorer, Opera and etc. |