**VK Messenger(beta) Version 0.15.2**

**TestCase 1.**

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| --- | --- |
| Name | *Test case: User logs in successfully with valid username and password* |
| Requirement | *The user is logged in correctly after providing correct username and password* |
| Preconditions | *The user is at the homepage or the log in page* |
| Steps | *1. Provide valid username in the username textbox*  *2. Provide valid password in the password textbox*  *3. Click on log in button* |
| Expected results | *The user is redirected to the specific homepage of that user* |
| Status | *Passed* |

**TestCase 2.**

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| --- | --- |
| Name | *Test case: Fail to login the system when providing invalid username* |
| Requirement | *The user is not logged in when providing invalid username* |
| Preconditions | *The user is at the homepage or the log in page* |
| Steps | *1. Provide invalid username in the username textbox*  *2. Provide password in the password textbox or let password field be empty*  *3. Click on log in button* |
| Expected results | *The user is redirected to the error page with a warning “You have provided invalid username or invalid password”* |
| Status | *Passed* |

**TestCase 3.**

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| --- | --- |
| Name | *Test case: Fail to login the system when providing valid username and invalid password* |
| Requirement | *The user is not logged in when providing valid username and invalid password* |
| Preconditions | *The user is at the homepage or the log in page* |
| Steps | *1. Provide valid username in the username textbox*  *2. Provide invalid password in the password textbox*  *3. Click on log in button* |
| Expected results | *The user is redirected to the error page with a warning “You have provided invalid username or invalid password”* |
| Status | *Passed* |

**TestCase 4.**

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| --- | --- |
| Name | *Test case: Fail to login the system when providing empty username* |
| Requirement | *The user is not logged in when providing empty username* |
| Preconditions | *The user is at the homepage or the log in page* |
| Steps | *1. Provide empty username in the username textbox*  *2. Provide password in the password textbox or let password field be empty*  *3. Click on log in button* |
| Expected results | *The user is redirected to the error page with a warning “You must provide both username and password”* |
| Status | *Passed* |

**TestCase 5.**

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| Name | *Test case: Fail to login the system when providing valid username and empty password* |
| Requirement | *The user is not logged in when providing valid username and empty password* |
| Preconditions | *The user is at the homepage or the log in page* |
| Steps | *1. Provide valid username in the username textbox*  *2. Provide empty password in the password textbox*  *3. Click on log in button* |
| Expected results | *The user is redirected to the error page with a warning “You must provide both username and password”* |
| Status | *Passed* |

**TestCase 6.**

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| Name | *Test case: User account is locked after failing to log in 3 times* |
| Requirement | *User account is locked after failing to log in 3 times with a specific username* |
| Preconditions | *The user is at the homepage or the log in page* |
| Steps | *1. Provide valid username in the username textbox or/and*  *2. Provide invalid or empty password in the password textbox*  *3. Click on log in button*  *4. Repeat above process for 3 times* |
| Expected results | *The user is redirected to the error page with a warning “You have provided invalid username or invalid password” After the 3rd time, the user account with given user name is locked out and a warning is issued “Account locked. Please wait for 30 minutes or contact the administrator”* |
| Status | *Failed* |

**TestCase 7.**

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| --- | --- |
| Name | *Test case: User logs in the system using an account is being used by another user* |
| Requirement | *User CAN NOT log in the system using account is being used by another user* |
| Preconditions | *A given account is being used by user 1* |
| Steps | *1. User 2 provides username of user 1 exactly*  *2. User 2 provides password of user 1 exactly*  *3. Click on log in button* |
| Expected results | *User 2 is redirected to the error page with a warning “This account is being used by another user”* |
| Status | *Failed* |

**TestCase 8.**

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| Name | *Test case: User logs in the system using an account is being locked* |
| Requirement | *User CAN NOT log in the system using account is being locked* |
| Preconditions | *A given account is being locked by logging in fail 3 times* |
| Steps | *1. Provides username of given account being locked*  *2. Provide password of given account being locked*  *3. Click on log in button* |
| Expected results | *User is redirected to the error page with a warning “This account is being locked. Please wait for 30 minutes or contact the administrator”* |
| Status | *Passed* |

**TestCase 9.**

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| Name | *Test case: Recover the password* |
| Requirement | *The user lost or forget the password* |
| Preconditions | *The user clicks on the “Forget password” The system warns the user about recovering the password* |
| Steps | *1. Choose the security question from the drop down list*  *2. Specify the answer of the security question in the text box*  *3. Click on the Recovery password button* |
| Expected results | *The system issues the message indicates the password has been reset to the default password “Abcd1234” and warns the user to change their password for the next log in The password is reset to the default password “Abcd1234” The system redirects the user to the log in page* |
| Status | *Passed* |

**TestCase 10.**

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| --- | --- |
| Name | *Test case: User choose the wrong security question or type the wrong answer* |
| Requirement | *The user lost or forget the password* |
| Preconditions | *The user clicks on the “Forget password” The system warns the user about recovering the password* |
| Steps | 1. *Choose the wrong security question from the drop down list or*   *2. Specify the wrong answer of the security question in the text box*  *3. Click on the Recovery password button* |
| Expected results | *The system issues the message indicates the user has chosen the wrong question or the answer is not correct The system redirects the user to the recover password page to choose another question or answer the selected again* |
| Status | *Passed* |

**TestCase 11.**

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| Name | *Test case: User input the empty answer for the security question* |
| Requirement | *The user lost or forget the password* |
| Preconditions | *The user clicks on the “Forget password” The system warns the user about recovering the password* |
| Steps | *1. Choose the security question from the drop down list or*  *2. Leave the answer text box blank*  *3. Click on the Recovery password button* |
| Expected results | *The system issues the message indicates the user has chosen the wrong question or the answer is not correct The system redirects the user to the recover password page to choose another question or answer the selected again* |
| Status | *Passed* |