

Example of test cases written for SPC v.1.5.5. (for login, logout and registration part of application)

ID	Scenario	Title	Preconditions	Steps	Input	Expected result	REQ	INFO
1_01	Login	Login form content is complete		1. Navigate to http://spc-app-v5.azurewebsites.net/ 2. Verify if login page contains: - "E-mail" text field - "Password" text field - "Remember me" checkbox - "Log in" button - "Not registered yet? Register now" link		1. Login page is displayed 2. All listed elements are visible on the login page: - "E-mail" text field - "Password" text field - "Remember me" checkbox - "Log in" button - "Not registered yet? Register now" link	4.1.3. REQ.1., REQ.2.	
1_02	Login	Successful redirection to Registration	User not registered before	1. Navigate to http://spc-app-v5.azurewebsites.net/ 2. Verify if login page contains: "Not registered yet? Register now" 3. Click on the link "Not registered yet? Register now"		1. Login page is displayed 2. Clicking a link under logging form "Not registered yet? Register now" redirects user to the registration page 3. Registration page is displayed	4.1.3. REQ.2.	
1_03	Login	Successful login of registered user	User is registered before	1. Navigate to http://spc-app-v5.azurewebsites.net/ 2. Insert specified data into proper fields 3. Click "Login" button	E-mail: test1@test.com Password: Test1!	1. Login page is displayed 2. User logged in correctly. Dashboard is visible	4.1.1.	Defect in specification - missing 4.1.2. section - PO info required
1_04	Login	Invalid login attempt – invalid e-mail field, user not registered before	User not registered before	1. Navigate to http://spc-app-v5.azurewebsites.net/ 2. Insert specified data into proper fields 3. Click "Login" button	E-mail: test123@test.com Password: Test1!	1. Login page is displayed 2. User not logged in. Error message: "Invalid login attempt" displayed	4.1.3. REQ.3.	
1_05	Login	Invalid login attempt – valid e-mail field, invalid password	User is registered before	1. Navigate http://spc-app-v5.azurewebsites.net/ 2. Insert specified data into proper fields 3. Click "Login" button	E-mail: test@test.com Password: Test123!	1. Login page is displayed 2. User not logged in. Error message: "Invalid login attempt" displayed	4.1.3. REQ.4.	
1_06	Login	Invalid login attempt – invalid email format		1. Navigate to http://spc-app-v5.azurewebsites.net/ 2. Insert specified data into proper fields 3. Click "Login" button	E-mail: testtest.com Password: Test1!	1. Login page is displayed 2. User not logged in. Error message: "The Email field is not a valid e-mail address"" displayed	4.1.3. REQ.5.	
1_07	Login	Invalid login attempt – empty password field		1. Navigate http://spc-app-v5.azurewebsites.net/ 2. Insert specified data into proper fields 3. Click "Login" button	E-mail: test@test.com Password:	1. Login page is displayed 2. User not logged in. Error message: "The Password field is required" displayed	4.1.3. REQ.6.	
1_08	Login	Invalid login attempt – empty e-mail field		1. Navigate to http://spc-app-v5.azurewebsites.net/ 2. Insert specified data into proper fields 3. Click "Login" button	E-mail: Password: Test1!	1. Login page is displayed 2. User not logged in. Error message: "The Email field is required" displayed	4.1.3. REQ.7.	

1_09	Login	"Remember me" box should work correctly	User is not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/ 2. Insert specified data into proper fields 3. Check "Remember me" checkbox 4. Click "Login" button 5. Close webpage with application 6. Open new window in browser and navigate to http://spc-app-v3.azurewebsites.net/	E-mail: test1@test.com Password: Test1!	1. Login page is displayed 2. User is logged in correctly. Dashboard is visible 3. Webpage closed 4. User logged in correctly. Dashboard is visible	4.1.1.	
2_01	Logout	User should logout from header	User logged in	1. Click "Log Out" icon		1. Popup "User successfully logged out" is displayed 2. User is logged out correctly. Login page is displayed		Defect in specification – missing info - PO info required
2_02	Logout	User should logout from settings	User logged in	1. Open "Settings" menu 2. Click "Log out" button		1. Popup "User successfully logged out" is displayed 2. User is logged out correctly. Login page is displayed		Defect in specification – missing info - PO info required
2_03	Logout	After closing application should logout user when user is logged in without checking "Remember me" checkbox	User logged in without checking "Remember me" checkbox	1. Close application 2. Navigate to http://spc-app-v3.azurewebsites.net/		1. User is logged out correctly. Login page is displayed		Defect in specification - missing info - PO info required
3_01	Registration	Registration form content is complete	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Verify if login page contains: - "E-mail" text field - "Password" text field - "Register" button - "Already a member? Log in" link		1. Registration page is displayed 2. All listed elements are visible on the register page: - "E-mail" text field - "Password" text field - "Register" button - "Already a member? Log in" link	4.2.2. REQ.1., REQ.2.	
3_02	Registration	Presence of link to login	User is registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Verify if registration page contains: "Already a member? Log in" 3. Click on the link "Already a member? Log in"		1. Registration page is displayed 2. There is a link under logging form "Already a member? Log in", which directs user to the login page 3. Login page is displayed	4.2.2. REQ.2.	
3_03	Registration	Successful registration of new user	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F	E-mail: test1@test.com Password: Test1! Confirm Password: Test1!	1. User is able to register using valid e-mail address and valid password	4.2.2. REQ.3, REQ.7.	

				2. Provide valid e-mail into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button				
3_04	Registration	Invalid registration attempt – empty e-mail field	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide empty input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: Password: Test1! Confirm Password: Test1!	1. Error message: "The Email field is required." is displayed 2. User is not able to register	4.2.2. REQ.8.	
3_05	Registration	Invalid registration attempt – invalid e-mail format (no local-part)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: @test.com Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_06	Registration	Invalid registration attempt – invalid e-mail format (no @)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: testtest.com Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_07	Registration	Invalid registration attempt – invalid e-mail format (no domain-part)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@ Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_08	Registration	Successful registration attempt – valid e-mail format	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field	E-mail: T_test-1@test.com Password: Test1! Confirm Password: Test1!	1. User is successfully registered. Dashboard is visible	4.2.1. REQ.7.	

		(before dot part length 2 chars)		3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button				
3_14	Registration	Invalid registration attempt – invalid e-mail format (before dot part length 31 char)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@tttttttttttttttttttttttt.com Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_15	Registration	Successful registration attempt – invalid e-mail format (before dot part length 30 char)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@tttttttttttttttttttttttt.com Password: Test1! Confirm Password: Test1!	1. User is successfully registered. Dashboard is visible	4.2.2. REQ.5., REQ.7.	
3_16	Registration	Invalid registration attempt – invalid e-mail format (after dot part length 1 char)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.c Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_17	Registration	Successful registration attempt – valid e-mail format (after dot part length 2 chars)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.co Password: Test1! Confirm Password: Test1!	1. User is successfully registered. Dashboard is visible	4.2.2. REQ.7.	
3_18	Registration	Invalid registration attempt – invalid e-mail format	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field	E-mail: test@test.comc Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	

		(after dot part length 4 char)		3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button				
3_19	Registration	Successful registration attempt – valid e-mail format (after dot part length 3 chars)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com Password: Test1! Confirm Password: Test1!	1. User is successfully registered. Dashboard is visible	4.2.2. REQ.7.	
3_20	Registration	Invalid registration attempt – invalid e-mail format (top-level domain all-numeric)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.111 Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_21	Registration	Invalid registration attempt – invalid e-mail format (hyphen as first char in domain-part)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.-co Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_22	Registration	Invalid registration attempt – invalid e-mail format (hyphen as last char in domain-part)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.co- Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_23	Registration	Invalid registration attempt – invalid e-mail format	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field	E-mail: test@-test.com Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	

		(hyphen as first char in local-part)		3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button				
3_24	Registration	Invalid registration attempt – invalid e-mail format (hyphen as last char in local-part)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide invalid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test-.com Password: Test1! Confirm Password: Test1!	1. Error message: "Entered email is not a valid e-mail address." is displayed 2. User is not able to register	4.2.2. REQ.5., REQ.7.	
3_25	Registration	Invalid registration attempt – invalid password (length 5 char)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide invalid password into "Password" field 4. Provide confirmation of the invalid password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com Password: Te1! Confirm Password: Te1!	1. Error message: "Password must be at least 6 and at max 100 characters long." is displayed 2. User is not able to register	4.2.2. REQ.3., REQ.4.	
3_26	Registration	Successful registration attempt – valid password (length 6 char)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com Password: Test1! Confirm Password: Test1!	1. User is successfully registered. Dashboard is visible	4.2.2. REQ.3.	
3_27	Registration	Successful registration attempt – valid password (length 100 char)	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com Password: hn-z,)C5ZqKcmCUMQufrTD_HFR.dtt)pkw)K;SusH-d)Govoro)js[()eYzU:Fft[y_Y5AVjEgsf.f[kztw?cbfmQaB{PwfsoM4u Confirm Password: hn-z,)C5ZqKcmCUMQufrTD_HFR.dtt)pkw)K;SusH-d)Govoro)js[()eYzU:Fft[y_Y5AVjEgsf.f[kztw?cbfmQaB{PwfsoM4u	1. User is successfully registered. Dashboard is visible	4.2.2. REQ.3.	

3_28	Registration	Invalid registration attempt – invalid password (length 101 char)	User not registered before	<ol style="list-style-type: none"> 1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into “E-mail” field 3. Provide invalid password into “Password” field 4. Provide confirmation of the invalid password into “Confirm Password” field 5. Click “Register” button 	<p>E-mail: test@test.com Password: ohn-z,)C5ZqKcmCUMQufrTD_HFR.dtt)pkw)K;SusH-d)Govoro)js[])eYzU:Fft[y_Y5AVjEgsf.f[kztw?cbfmQaB{PwfsoM4u</p> <p>Confirm Password: ohn-z,)C5ZqKcmCUMQufrTD_HFR.dtt)pkw)K;SusH-d)Govoro)js[])eYzU:Fft[y_Y5AVjEgsf.f[kztw?cbfmQaB{PwfsoM4u</p>	<ol style="list-style-type: none"> 1. Error message: “Password must be at least 6 and at max 100 characters long.” is displayed 2. User is not able to register 	4.2.2. REQ.3., REQ.4.	
3_29	Registration	Invalid registration attempt – invalid password (no uppercase letter)	User not registered before	<ol style="list-style-type: none"> 1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into “E-mail” field 3. Provide invalid password into “Password” field 4. Provide confirmation of the invalid password into “Confirm Password” field 5. Click “Register” button 	<p>E-mail: test@test.com Password: test1! Confirm Password: test1!</p>	<ol style="list-style-type: none"> 1. Error message: “Passwords must have at least one uppercase ('A'-'Z'). ” is displayed 2. User is not able to register 	4.2.2. REQ.3., REQ.4.	
3_30	Registration	Invalid registration attempt – invalid password (no lowercase letter)	User not registered before	<ol style="list-style-type: none"> 1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into “E-mail” field 3. Provide invalid password into “Password” field 4. Provide confirmation of the invalid password into “Confirm Password” field 5. Click “Register” button 	<p>E-mail: test@test.com Password: TEST1! Confirm Password: TEST1!</p>	<ol style="list-style-type: none"> 1. Error message: “Passwords must have at least one lowercase ('a'-'z'). ” is displayed 2. User is not able to register 	4.2.2. REQ.3., REQ.4.	
3_31	Registration	Invalid registration attempt – invalid password (no digit)	User not registered before	<ol style="list-style-type: none"> 1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into “E-mail” field 3. Provide invalid password into “Password” field 4. Provide confirmation of the invalid password into “Confirm Password” field 5. Click “Register” button 	<p>E-mail: test@test.com Password: Tests! Confirm Password: Tests!</p>	<ol style="list-style-type: none"> 1. Error message: “Passwords must have at least one digit ('0'-'9').” is displayed 2. User is not able to register 	4.2.2. REQ.3., REQ.4.	
3_32	Registration	Invalid registration attempt – invalid password (no non-alphanumeric char)	User not registered before	<ol style="list-style-type: none"> 1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into “E-mail” field 3. Provide invalid password into “Password” field 	<p>E-mail: test@test.com Password: Test12 Confirm Password: Test12</p>	<ol style="list-style-type: none"> 1. Error message: “Passwords must have at least one non alphanumeric character.” is displayed 2. User is not able to register 	4.2.2. REQ.3., REQ.4.	

				4. Provide confirmation of the invalid password into "Confirm Password" field 5. Click "Register" button				
3_33	Registration	Invalid registration attempt – confirmation password do not match password	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide invalid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com Password: Test1! <u>Confirm Password:</u> Test12	1. Error message: "The password and confirmation password do not match." is displayed 2. User is not able to register	4.2.2. REQ.6.	
3_34	Registration	Invalid registration attempt – password field empty	User not registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide no password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com <u>Password:</u> <u>Confirm Password:</u> Test1!	1. Error message: "The Password field is required." is displayed 2. User is not able to register	4.2.2. REQ.9.	
3_35	Registration	Invalid registration attempt – user already registered	User is registered before	1. Navigate to http://spc-app-v3.azurewebsites.net/Account/Register?returnurl=%2F 2. Provide valid input into "E-mail" field 3. Provide valid password into "Password" field 4. Provide valid confirmation of the password into "Confirm Password" field 5. Click "Register" button	E-mail: test@test.com <u>Password:</u> Test1! <u>Confirm Password:</u> Test1!	1. Error message: "Username 'test@test.com' is already taken." is displayed 2. User is not able to register	4.2.2. REQ.10.	