

The goal of test scenario 1 is to test successful sign-in and sign-out in the positive paths, including some negative paths which have no error messages returned. The red parentheses refer to the basic path which means all test cases in the scenario will execute them. The four paths are shown as follows:

- (a) Positive path 1 (the most common path):
(1) (2) (3) (5) (7) (10) (15) (17) (18) (19) (21) (22)
- (b) Positive path 2 (input password before username):
(1) (2) (3) (6) (8) (9) (15) (17) (18) (19) (21) (22)
- (c) Negative path (only password, with username and password re-inputting):
(1) (2) (3) (6) (12) (10) (13) (11) (9) (15) (17) (18) (19) (21) (22)
- (d) Negative path (only username):
(1) (2) (3) (5) (9) (14) (10) (15) (17) (18) (19) (21) (22)

Validation Exception: (4), (16), (20) throw out exceptions that page can not be found.

Other negative paths will be generated from (16), where username or password is invalid or incorrect. It will show in “Test Scenario 2 (Unsuccessfully Sign In) Test Cases Generation”.

