Testing Sign Up flow on WeTravel.com

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| *Created By:* | Zohrab Zeynalli |
| *Tester’s Name:* | Zohrab Zeynalli |
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| *Steps:* | 1. *Go to site:* [*https://www.wetravel.com/#*](https://www.wetravel.com/) 2. *Click SIGN IN button on the Top Right* |

Since we can pick numerous test types to test Sign Up page, I advise to divide them under 2 main categories Functional and Non-Functional Scenarios.

**Functional Scenario:** *Check the Sign Up Functionality*

**Test Cases**:

1. Verify if a User can proceed to next steps of Sign up process by entering a valid email address in the email field.
2. Verify that a User is not able to proceed to next steps of Sign up process by entering an invalid email address in the email field.
3. Check if the user account exists after entering a valid email address in the email field of *Sign Up* page.
4. Verify if an email address can be copy-pasted.
5. Verify the Sign up page, if the email field is blank and *Next Button* is clicked.
6. Verify the messages when user enters an invalid email address in the email field.
7. Verify the system behaviour when an edit button in the email field is clicked on the Sign Up Page.

**Test Cases** **for**: *Check system behaviour when Company Account checkmark is clicked scenario*

1. Verify the *Company Account* checkmark functionality on the Sign Up page.
2. Check if the System asks for Company Name and Password when *Company Account* checkmark is clicked.
3. Verify that the user can Sign up by entering a Company name and valid Password and clicking on the Sign up button under *Company Account* section.
4. Verify that the user is not able to Sign up by entering a Company name and invalid Password and clicking on the Sign up button.
5. Check the system behaviour when both fields under Company Account are blank and the Sign Up button is clicked.
6. Check the system behaviour when one of the fields (Company name and Password) under Company Account is blank and the Sign Up button is clicked.
7. Verify messages for entering invalid password.
8. Verify if a Company name and Password can be copy-pasted or not.
9. Check if the “Keep me logged in” checkmark is clickable.
10. Check the password validator when entering password in a valid format (1 Uppercase letter, 1 number and 8 characters long).
11. Check the password validator when entering password in an invalid format.
12. Verify if the ***Terms of Service*** link is clickable.

**Test Cases** **for**: *Check system behaviour when Company Account checkmark is unclicked.*

1. Verify that the user can Sign up by entering a First name, Last and *valid* Password and clicking on the Sign up button.
2. Verify that the user is not able to Sign up by entering a First name, Last and *invalid* Password and clicking on the Sign up button.
3. Verify messages for leaving all fields blank and clicking on the Sign Up button.
4. Verify messages for leaving one of the fields blank for (First name, Last name and Password) and clicking on the Sign Up button.
5. Check if the First name, Last Name and password can be copy-pasted.

**Non Functional (Security Test Scenario)**:

**Test Cases**:

1. Verify if SQL injection attacks work on the Sign Up page. The application should handle SQL Injections attacks.
2. Check the implementation of SSL certificate on the page.
3. Verify that the XSS vulnerability should not work.

**In Conclusion**: On the Sign Up page we can perform:

1. Usability testing/UX- this type of testing will be crucial to evaluate the flow as well as the navigation on the Sign Up process from users’ perspective. Usually, we can perform it two times, at the development stage and after the development stage with the real users.
2. UI Testing – this test would be essential to check the Graphical user interface on the Sign Up page. We would check if the text/forms are properly aligned, forms are readable, buttons (**Next, Sign Up)** are clickable or not, link availability when clicking. In addition, if user resizes the page does the Sign Up form gets shrink or not and so on.
3. Security Testing - An essential part of any system is its security and reliability. I would suggest performing Penetration testing against SQL injections, XSS vulnerabilities etc. on Sign Up page to find out any security weaknesses on the page. However, this test would rather cover whole platform, its Front End, Back End and Database rather than few parts.
4. Regression testing - We would need regression testing on the Sign Up page in case of any added new functionalities, defect fixes, update in the requirement documents that my affect this page. There are different methods of regression testing depending on the requirements and size of the platform we evaluate what methods to perform for regression. For example, we may pick *Prioritize Testing*  to prioritize test cases or Retest All method to check all the test cases or Selective Testing to randomly select parts that could get affected by new modifications, updates or fixes.

The Sign Up Page should also be subject to other test types; however, such tests would focus more on automation testing. The above mentioned test types mainly concentrate on manual testing. In conclusion, reviewing the BRD (Business Requirements Document), SRS (Software Requirements Specification), FRS (Functional Requirements Specification), or any other project-related documents is the best way to assess test techniques and types.