**Project name: Polr**

**Product version: 2.2.0**

**Test writer name: Mehdi Chaouche**

**Test approver name:**

**Test approbation date:**

**Test title: Shorten URL in anonymous mode**

**Test configuration:**

* **Operating System + Service pack: Ubuntu (debian) 19.10**
* **Browser + version: Chromium 84.0.4147.105 (Build officiel) snap (64 bits)**

**Initials conditions:**

* **A new tab is opened in a web browser**

**Test steps:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Actions: Load the following URL “<http://polr.stationmyr.net/>” | | |
| Expected results:  The home page is successfully loaded and displays “Polr – Campus Valence” as main title | ☐Pass  ☐Fail | Remark N°1 |
|  | Actions:   * Enter an URL to shorten * Click on the “Shorten” button | | |
| Expected results:   * The shortened URL page is successfully loaded * A shorten URL is generated following this pattern [http://polr.stationmyr.net/](http://polr.campus-grenoble.fr/)#, where # is a number | ☐Pass  ☐Fail | Remark N°2 |
| Step 3 | Actions:   * Click on “Link Options” button * Type a number which was already generated in previous URL patterns (5, for instance) * Click on “Check Availability” button   Expected results:   * If the number is already used, the text message “Already in use” should appear * If we try to click “Shorten” button with this input, the Error pop-over “Sorry, but this URL ending is already in use.” should appear instead | ☐Pass  ☐Fail | Remark N°3 |
| Step 4 | Actions:   * Click on “Link Options” button * Type some numbers in the input representing the end of the future URL * Check availability of this custom URL * Click on the “Shorten” button   Expected results:   * The end of the generated URL should be the same as the number previously entered in the customization input. | ☐Pass  ☐Fail | Remark N°4 |
| Step 5 | Actions:   * Click on “Link Options” button * Select “Secret” link customization option. * Type some numbers in the input representing the end of the future URL. * Chech availability of this custom URL * Click on the “Shorten” button   Expected results:   * The “Secret” mode should generate a slightly different URL format (eq: “[http://polr.stationmyr.net/](http://polr.stationmyr.net/" \l "/)#/#” where # are numbers) | ☐Pass  ☐Fail | Remark N°5 |
| Step 6 | Actions:   * Click on “Sign In” button * Enter admin credentials in related fields * Click on green “Sign In” button   Expected results:   * A redirection to home page should be done, with header toolbar’s buttons “Sign up” and “Sign In” replaced by “Admin “ button | ☐Pass  ☐Fail | Remark N°6 |
| Step 7 | Actions:   * Click on “Admin “ button * Select one of the three options   Expected results:   * If “Dashboard” button is selected, a redirection should be made to “<http://polr.stationmyr.net/admin>”and the page should successfully display the related content (4 left-sided navigation buttons : Home, Links, Settings, Admin) * If “Settings” button is selected, a redirection should be made to “[http://polr.stationmyr.net/admin#settings](http://polr.stationmyr.net/admin" \l "settings)”and the page should successfully display the related content (same left-sided buttons as Dashboard option, and the ability to change Password with 2 inputs for this matter) * If “Logout” button is selected, a redirection should be made to “<http://polr.stationmyr.net/>”, with header toolbar’s button “Admin” replaced by previous buttons : “Sign up” and “Sign in” | ☐Pass  ☐Fail | Remark N° |
| Step 8 | Actions:   * Click on “Sign In” button * Enter random/false credentials in Login & Password fields   Expected results:   * The error pop-over “Invalid password or inactivated account. Try again.” should appear | ☐Pass  ☐Fail | Remark N° |
| Step 9 | Actions:   * Click on “Sign In” button * Try some SQL injection (*login* : gengiskhan’ -- | *password* : greatestconqueror | for example)   Expected results:   * The same error as 8th step | ☐Pass  ☐Fail | Remark N° |
| Step 10 | Actions:   * Click on “Sign Up” button   Expected results:   * A redirection should be made to “<http://polr.stationmyr.net/signup>” and the page should successfully display the related content (Register page with 3 inputs : Username, Password & Email) | ☐Pass  ☐Fail | Remark N° |
| Step 11 | Actions:   * Click on “Sign Up” button * Enter new credentials in related fields * Click on “Register” button   Expected results:   * A green pop-over “Thanks for signing up! Please confirm your email to continue.” should appear | ☐Pass  ☐Fail | Remark N° |
| Step 12 | Actions:   * Try logging-in with 11th step’s credentials without confirming your email adress   Expected results:   * The error pop-over “Invalid password or inactivated account. Try again.” should appear | ☐Pass  ☐Fail | Remark N° |
| Step 13 | Actions:   * Confirm your adress mail by clicking the URL given in the related e-mail.   Expected results:   * A redirection to home page should made with a green success pop-over “Account activated. You may now login.” | ☐Pass  ☐Fail | Remark N° |
| Step 14 | * Try logging-in with 11th step’s credentials after confirming your email adress   Expected results:   * A redirection to home page should be done, with header toolbar’s buttons “Sign up” and “Sign In” replaced by “#Username# “ button | ☐Pass  ☐Fail | Remark N° |
| Step 15 | * Click on “#Username#” button * Select one of the three options   Expected results:   * If “Dashboard” button is selected, a redirection should be made to “<http://polr.stationmyr.net/admin>” and the page should successfully display the related content (4 left-sided navigation buttons : Home, Links, Settings, Developer) * If “Settings” button is selected, a redirection should be made to “[http://polr.stationmyr.net/admin#settings](http://polr.stationmyr.net/admin" \l "settings)”and the page should successfully display the related content (same left-sided buttons as Dashboard option, and the ability to change Password with 2 inputs for this matter) * If “Logout” button is selected, a redirection should be made to “<http://polr.stationmyr.net/>”, with header toolbar’s button “#Username#” replaced by previous buttons : “Sign up” and “Sign in” | ☐Pass  ☐Fail | Remark N° |
| Step 16 | Actions:   * Click on “Dashboard” button in “#Username#” menu. * Click on “Links”   Expected results:   * If links have already been generated by the user, a table list of those existing links should appear * If not, “No data available in table” should appear instead of links | ☐Pass  ☐Fail | Remark N° |
| Step 17 | Actions:   * In Links tab, click on the several sorting buttons (“Show # entries” where # is a number between 10, 25, 50 & 100 | Ascendant/Descendant buttons for each table column)   Expected results:   * For the selectable amount of entries, it should display only the same amount of previously generated links as the choosed amount * For the ASC/DESC buttons, it should sort out every displayed links depending on which column you sorted (for instance, if you clicked on “Date” sided sorting button, it will sort each link depending on their creation date) | ☐Pass  ☐Fail | Remark N° |
| Step 18 | Actions:   * In Links tab, type a letter or a number in the “Search” input.   Expected results:   * Only links for which their name contains this letter or number should appear in the table. | ☐Pass  ☐Fail | Remark N° |
| Step 19 | Actions:   * In Links tab, click on a “Long Link” in one of the rows related to a link (for example: “[http://google.fr](http://google.fr/)” belonging to “1h” Link Ending)   Expected results:   * A new tab should open up, redirecting to this specific link | ☐Pass  ☐Fail | Remark N° |
| Step 20 | Actions:   * Click on “Dashboard” button in “#Username#” menu. * Click on “Settings” * Enter the current user password and a new password in related fields   Expected results:   * A green success pop-over “Password changed successfully” should appear and a redirection should be made to “<http://polr.stationmyr.net/admin>” | ☐Pass  ☐Fail | Remark N° |
| Step 21 | Actions:   * Click on “Dashboard” button in “#Username#” menu * Click on “Developer”   Expected results:   * A redirection should be made to “[http://polr.stationmyr.net/admin#developer](http://polr.stationmyr.net/admin" \l "developer)” and the page should display the related content (Developer informations, with a Documentation link, a non-clickable API Key with a “Reset button”, and an “API Quota” displaying “# requests per minute” where # is a number (60 by default) | ☐Pass  ☐Fail | Remark N° |
| Step 22 | Actions:   * In Developer tab, click on “Reset” button   Expected results:   * Another randomly generated non-clickable key should appear | ☐Pass  ☐Fail | Remark N° |

**List of remarks (Description of deviations, remarks…):**

1. The page loads successfully, quickly and without any issue.
2. After entering “[http://google.fr](http://google.fr/)” in the input, “<http://polr.stationmyr.net/8>” is successfully generated.
3. Those exceptions worked successfully when trying to generate an URL with an already used ID.
4. When typing “15” in the input, and after clicking on the “Shorten” button, the URL “<http://polr.stationmyr.net/15>” is successfully generated.
5. Trying the same with “16” in the input and generating the shorten link in “Secret” mode, the URL “<http://polr.stationmyr.net/16/3936>” is successfully generated.
6. The redirection is successfully done, and the “Admin “ button successfully appears.

**Tester name: Mehdi Chaouche**

**Test execution date: 26/08/2020**