**Horizon Lab Water Database Program v1.4.0 Test Cases**

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| **Test Case** | **Expected Result** | **Actual Result** | **Remarks** |
| 1. Login    * Go to <http://172.18.136.172:8300/>    * Put your windows username and password on the login dialog box (Your windows account should be registered to the horizonlab database) | A successful login should display the web app’s home page. |  |  |
| 1. Add new user account  * Go to User Account > Create New User Account. * Fill out the *User Account Form*. * Click *Save* button | Message: “**New user account was successfully added!”** should be displayed on the user account panel page after submitting the changes. |  |  |
| 1. Viewing an existing user Account  * Go to User Account > Active Accounts or Inactive Accounts. * Search the account that you wish to view. You can search by first name, last name, username or by email. * Click the view icon | User account panel page should display all the user account records and can be filtered using the search section. |  |  |
| 1. Modify an existing user account  * Go to User Account > Active Accounts or Inactive Accounts. * Search the account that you wish to modify. You can search by first name, last name, username or by email. * Click the edit icon * Modify the values that you wish to change in the *User Account Form.* * Click Save Button. | Message: “**user account changes were successfully saved!”** should be displayed on the user account panel page after submitting the changes. |  |  |
| 1. Reset a user account password  * Go to User Account > Active Accounts or Inactive Accounts. * Search the account that you wish to reset the password. You can search by first name, last name, username or by email. * Click the edit icon * Change the password and re-type password fields in the *User Account Form.* * Click Save Button. | Message: “**user account changes were successfully saved!”** should be displayed on the user account panel page after submitting the changes. |  |  |
| 1. Activating an existing deactivated user account  * Go to User Account > Inactive Accounts. * Search the account that you wish to activate. You can search by first name, last name, username or by email. * Click on the activate button | Message: **“[*selected username*] was successfully activated!”** should be displayed on the user account panel page after submitting the changes |  |  |
| 1. Deactivating an existing activated user account  * Go to User Account > Active Accounts. * Search the account that you wish to deactivate. You can search by first name, last name, username or by email. * Click on the deactivate button | Message: “**[selected username] was successfully deactivated!”** should be displayed on the user account panel page after submitting the changes |  |  |
| 1. Adding new customer  * Go to User Customer > Create New User Customer. * Fill out the *Customer Information Form*. * Click *Save* button | Message: “**Customer: [First Name] [Last Name] was successfully added.”** should be displayed on the customer details page after submitting the changes. |  |  |
| 1. Viewing a customer  * Go to User Customer > Active Customer or Inactive Customer. * Search the customer record that you wish to view. You can search by first name, last name, customer id or by email. * Click the view button | **Active/Inactive Customer Records** page should display all the user account records and can be filtered by CustomerID, First Name, Last Name or Company Name. |  |  |
| 1. Modify an existing customer  * Go to User Customer > Active Customer or Inactive Customer. * Search the customer record that you wish to modify. You can search by first name, last name, customer id and company name. * Click the edit icon * Modify the values that you wish to change in the *Customer Information Form.* * Click Save Button | Message: “**Modifying Customer: [First Name] [Last Name] was successful.”** should be displayed on the customer details page after submitting the changes. |  |  |
| 1. Activating an existing deactivated customer | Message: “**Customer was deactivated successfully.”** should be displayed on the customer details page after submitting the changes. |  |  |
| 1. Deactivating an existing deactivated customer | Message: “**Customer was activated successfully.”** should be displayed on the customer details page after submitting the changes. |  |  |
| 1. Adding a test package category  * Go to *Test Packages > Test Package Categories* * Click the Add button * Specify the *Package Category Name* * Click Save Button | Message: “**New Horizon Lab Test package category was successfully added.”** should be displayed on the Test Package Categories page after submitting. |  |  |
| 1. Modifying a test package category  * Go to *Test Packages > Test Package Categories* * Modify all the test package category names that you wish to change. * Click the save icon button | Message: “**Horizon Lab Test package categories successfully updated**.” should be displayed on the Test Package Categories page after submitting. |  |  |
| 1. Disabling a test package category  * Go to *Test Packages > Test Package Categories* * Click the disable button  of the test package that you wish to disable. | The disable should turn “grey” color    This indicates that the category is disabled and will not be displayed on the order page |  |  |
| 1. Enabling a test package category  * Go to *Test Packages > Test Package Categories* * Click the enable button  of the test package that you wish to enable. | The disable should turn “green” color  This indicates that the category is enabled and will be show on the order page |  |  |
| 1. Adding a test package  * Go to *Test Packages > Test Package Settings* * Click the Add button * Specify the *Package Name, Category, Price, Lab Fee, Analysis, Sample Container and Description.* * Click Save Button | Message: “**New Horizon Lab Test package was successfully added**.” should be displayed on the Test Package Settings page after submitting. |  |  |
| 1. Modifying a test package  * Go to *Test Packages > Test Package Settings* * Change the value of the package information that you wish to modify. * Click the save icon button | Message: “**Horizon Lab Test packages successfully updated**.” should be displayed on the Test Package Settings page after submitting. |  |  |
| 1. Disabling a test package  * Go to *Test Packages > Test Package Categories* * Click the disable button  of the test package that you wish to disable. | The disable should turn “grey” color    This indicates that the package is disabled and will not be displayed on the order page |  |  |
| 1. Enabling a test package  * Go to *Test Packages > Test Package Categories* * Click the enable button  of the test package that you wish to enable. | The disable should turn “green” color  This indicates that the package is enabled and will be show on the order page |  |  |
| 1. Adding a test package to a category  * Go to *Test Packages > Categorization* * Select the *Test package category* that you want to add to from the drop down. * Select Water Bacteria or Water Chemistry from the drop down. * Select your test package (**Left** Panel) that you want to add. * Click the add button | Message: “**New Horizon Lab Test package was successfully categorized**.” should be displayed on the Test Package Categorization page after submitting. |  |  |
| 1. Deleting a test package from a category  * Go to *Test Packages > Categorization* * Select the *Test package category* that you want to add to from the drop down. * Select Water Bacteria or Water Chemistry from the drop down. * Select your test package (**Right** Panel) that you want to remove * Click the remove button | Message: “**Horizon Lab Test package was successfully deleted from a category.”** should be displayed on the Test Package Categorization page after submitting. |  |  |
| 1. Placing an Order - Water Bacteria  * Go to Orders > Order Page * Select the customer that is making the order. You can filter customer by first name, last name or customer id. * Select the laboratory package category (first box). * Select test package (second box). * Click “Place Order” button. * Click “Compute” button to view the order total amount. * Set payment(s). It can be breakdown up to five (5). * Select the order status in |  |  |  |
| 1. Adding a Water Bacteria Test |  |  |  |
| 1. Placing an Order - Water Chemistry |  |  |  |
| 1. Adding a Water Chemistry Test |  |  |  |
| 1. Viewing Order |  |  |  |
| 1. Viewing Order Receipt |  |  |  |
| 1. Searching/Filtering/Viewing Test Transactions |  |  |  |
| 1. Modifying a Test Transaction |  |  |  |
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