**COMP 370 – Software Engineering  
Term Project**

# Inputs and Outputs

## Manager Input & Output

| Input | Output |
| --- | --- |
| Click "Member Report" button. | [https://github.com/Exac/COMP370/raw/master/cdn/manager/1.png](https://github.com/Exac/COMP370/blob/master/cdn/manager/1.png) |
| Click "Back" button. | [https://github.com/Exac/COMP370/raw/master/cdn/manager/2.png](https://github.com/Exac/COMP370/blob/master/cdn/manager/2.png) |
| Click "Provider Report" button. | [https://github.com/Exac/COMP370/raw/master/cdn/manager/3.png](https://github.com/Exac/COMP370/blob/master/cdn/manager/3.png) |
| Done. | [https://github.com/Exac/COMP370/raw/master/cdn/manager/4.png](https://github.com/Exac/COMP370/blob/master/cdn/manager/4.png) |
|  |  |

## Operator Input & Output

| Input | Output |
| --- | --- |
| Select "Name" field. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/1.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/1.png) |
| Change text. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/2.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/2.png) |
| Click "Update Member" | [https://github.com/Exac/COMP370/raw/master/cdn/operator/3.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/3.png) |
| Observe the updated member. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/4.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/4.png) |
| Change all fields to create a new member. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/5.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/5.png) |
| Click "New Member". | [https://github.com/Exac/COMP370/raw/master/cdn/operator/6.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/6.png) |
| Observe addition of new member. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/7.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/7.png) |
| Click "Delete Member". | [https://github.com/Exac/COMP370/raw/master/cdn/operator/8.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/8.png) |
| Receive confirmation member is deleted. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/9.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/9.png) |
| Select a new member from the provider drop-down. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/10.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/10.png) |
| Change "City" field's text. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/11.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/11.png) |
| Click "Update Provider". | [https://github.com/Exac/COMP370/raw/master/cdn/operator/12.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/12.png) |
| Receive confirmation member is updated. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/13.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/13.png) |
| Observe the updated provider. | [https://github.com/Exac/COMP370/raw/master/cdn/operator/14.png](https://github.com/Exac/COMP370/blob/master/cdn/operator/14.png) |

## Provider Input & Output

| Input | Output |
| --- | --- |
| Select field labeled "Enter your Provider #". | [https://github.com/Exac/COMP370/raw/master/cdn/provider/1.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/1.png) |
| Enter a valid login (1), Click "Login". | [https://github.com/Exac/COMP370/raw/master/cdn/provider/2.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/2.png) |
| Select field labeled "Member #". | [https://github.com/Exac/COMP370/raw/master/cdn/provider/3.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/3.png) |
| Enter a valid login (1). | [https://github.com/Exac/COMP370/raw/master/cdn/provider/4.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/4.png) |
| Click "Verify Member". | [https://github.com/Exac/COMP370/raw/master/cdn/provider/5.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/5.png) |
| Receive confirmation member *VALIDATED*. If we had selected a nonexistent member, or a suspended member, we would see an error here. | [https://github.com/Exac/COMP370/raw/master/cdn/provider/6.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/6.png) |
| Click "Provider Directory", select a Service Code from the list (000005) and enter it into the field labeled "6-Digit Service #". Click "Provider Directory" again to dismiss the slide-out. | [https://github.com/Exac/COMP370/raw/master/cdn/provider/7.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/7.png) |
| Observe an invoice pop-up and verify all the information is correct. | [https://github.com/Exac/COMP370/raw/master/cdn/provider/8.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/8.png) |
| Change "Comments" and observe comments being added in to the invoice. Click "Bill Customer". | [https://github.com/Exac/COMP370/raw/master/cdn/provider/9.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/9.png) |
| Observe that the member is un-selected, but the provider remains logged-in. | [https://github.com/Exac/COMP370/raw/master/cdn/provider/10.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/10.png) |
| Observe that the database has been updated to reflect the new claim. | [https://github.com/Exac/COMP370/raw/master/cdn/provider/11.png](https://github.com/Exac/COMP370/blob/master/cdn/provider/11.png) |

## Scheduler Input & Output

| Input | Output |
| --- | --- |
| Click "Generate Forms". Forms are generated on the server. This is done automatically every Friday night. | [https://github.com/Exac/COMP370/raw/master/cdn/scheduler/1.png](https://github.com/Exac/COMP370/blob/master/cdn/scheduler/1.png) |
| Observe that the scheduler is run every Saturday at 2AM via *cron*. | [https://github.com/Exac/COMP370/raw/master/cdn/scheduler/2.png](https://github.com/Exac/COMP370/blob/master/cdn/scheduler/2.png) |

## Test Output

| Input | Output |
| --- | --- |
| Running tests in the IDE is successful. | [https://github.com/Exac/COMP370/raw/master/cdn/tests/1.png](https://github.com/Exac/COMP370/blob/master/cdn/tests/1.png) |
| Visit the [tests](http://COMP370.thomasmclennan.ca/tests/) page to run tests live on the server. All 414 assertions are good. | [https://github.com/Exac/COMP370/raw/master/cdn/tests/2.png](https://github.com/Exac/COMP370/blob/master/cdn/tests/2.png) |