

Testing Report Documentation of Invoicing System omniBill

**omniSpectrum**

Version1.0

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# Test Cases

## Master Data Management

When entering the appropriate field, unique identifiers are assigned to them, following the instructions provided in the application.

### Scenario

|  |  |
| --- | --- |
| **Use Case** | **Master data managment** |
| **Actor:** | Main Actor |
| **Pre Condition:** | The user has successfully set up omniBill for the first time |
| **Goal:** | The main actor is able to successfully store the desired information into the database |
| **1** | The actor selects the desired tab. |
| **2** | The actor fills in the fields with the appropriate information. |
| **3** | The actor selects the appropriate action. |
| **4** | The system performs the desired operation. |
| **5** | The systems display a message indicating the failure or success of the previously performed operation. |

## Operational Data management

When entering the appropriate field, unique identifiers are assigned to them, following the instructions provided in the application.

### Scenario

|  |  |
| --- | --- |
| **Use Case** | **Operational data management** |
| **Actor:** | Main Actor |
| **Pre Condition:** | The user has successfully inputted all the needed master data |
| **Goal:** | The main actor is able to successfully create invoice and check history of invoices |
| **1** | The actor selects the desired tab. |
| **2** | The actor fills in the fields with the appropriate information. |
| **3** | The actor selects the appropriate action. |
| **4** | The system performs the desired operation. |
| **5** | The systems display a message indicating the failure or success of the previously performed operation. |

## Output management

When entering the appropriate field, unique identifiers are assigned to them, following the instructions provided in the application.

### Scenario

|  |  |
| --- | --- |
| **Use Case** | **Output management** |
| **Actor:** | Main Actor |
| **Pre Condition:** | The user has successfully created at least one invoice |
| **Goal:** | The main actor is able to successfully print invoice or export it |
| **1** | The actor selects the desired tab. |
| **2** | The actor fills in the fields with the appropriate information. |
| **3** | The actor selects the appropriate action. |
| **4** | The system performs the desired operation. |
| **5** | The systems display a message indicating the failure or success of the previously performed operation. |

# Results

## Master Data Management

After carefully going through all of the cases described below the testers have not been able to identify any bugs in this case. The goal established has been successfully met without any major obstacles.

## Operational Data management

The operational data management has also achieved its’ goal without any major difficulties. Although, some minor bugs were found during the early iterations of the project they should have all been eliminated. Currently, no bugs have been found in this area.

## Output Management

Unfortunately, due to time and resources constraints this part has not been completely implemented yet. At the moment, it is still going through testing and has yet to be implemented into the final product.

## Usability Testing

The usability testing was performed by potential end users selected by the developers in the later stages of development. The users were asked to use the software on a daily basis during the period of 5 days. After careful consideration, all the users came to the unanimous that omniBill is not typically difficult to use, like other invoicing applications in the market. That being said, some users have raised the issue that the interface may not be exactly intuitive for some of the icons are not exactly self-evident.

Furthermore, the users have also suggested some improvements to the context based menu due to the fact that some of the colours do not make the context based menu self-evident. The users have also experienced problems saving new invoice lines.

The developers have found that the users were all able to figure out the interface after spending a couple of minutes with the application. As a matter of fact, most users managed to figure out the application in under 15 minutes.

The users have also suggested that the initial window size should occupy more space of the screen.

## Conclusion

The developers have successfully completed the first release candidate for omniBill. No major bugs were found in any of the cases and the product may now enter into the production environment.