Deliverable #4: User Stories

Systems Development

Green Team - Vanier College

There are no previous works, either for design or implementation which were used

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, student ID# \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, certify that I have contributed to this deliverable, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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I, the team leader, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, student ID# \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, certify that I have contributed to this deliverable, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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# Deliverable #4: User Stories

## Executive Overview

To be completed after everything else. Basically an abstract.

From the PDF:

An executive overview (maximum 1 page) which summarizes the major findings of the project to-date and highlights (in words) the elements of the report being submitted. An executive overview is more than a table of contents in narrative form. It actually summarizes the contents of the document and contains all the essential information a business executive who does not necessarily have time to read the whole document needs to know to understand the crucial elements of your project at that point. Typically, it is written after the rest of the report is completed.

## Summary Description of Client

Xiang Di Su

The name of our client is Louis Vincent De Paul. He owns a restaurant in Laval. The name of the restaurant is called Louis et Jacob. The type of restaurant is Italian, and it is being managed by two owners which are Louis and Jacob. From the last deliverable, we have learned that there are many kinds of employees in the restaurant such as the owner, the waiter, the bartender, the kitchen and the SAQ. We’ve learned that through the help of the UML diagram. The problem is that the owner and waiters write their wine inventory on a piece of paper. The client needs a program that keeps track of the wines easily. To add, he needs a system that makes the purchasing more complex and easier. The skills of the client and his employees on a computer are Microsoft Word and Microsoft Excel. The owner and waiters are both bilingual in English and French.

*(3 marks) Summary description of the client (Revised – indicate what has changed or has been added since the last deliverable)*

## Narrative Description of Future Information System

*(10 marks) Narrative description of the future information system – This summarizes what is described by the user stories in the appendices. It should read like a story about what the various users do when they interact with the system. Write it after compiling the user stories.*

## Appendices

### Appendix 1

1. Title: Edit the wine description

Story: As an owner or waiter, I want to edit the wine description, so that all our waiter and owner both understand the description of the wine.

1. Title: Edit the wine price

Story: As an owner or waiter, I want to edit the wine price, so that when the wine price changes, I can edit it as well.

1. Title: Change the wine image

Story: As an owner or waiter, I want to change the image of the wine, so that all employees don't get mixed up if the wine image has changed.

1. Title: Change the font size

Story: As an owner or waiter, I want to change the font size, so that I can see the program more clearly.

1. Title: Change the language

Story: As an owner or waiter, I want to change the language, so that I am better in that specific language.

1. Title: Dark theme mode

Story: As an owner or waiter, I want to change the program in dark theme mode, so that I can look through the program better and better for my eyesight.

7. Title: View wine statistics in numbers

Story: As an owner or waiter, I want to see how many each wine got sold in a list format (numbers), so that I can have better decision making when it comes to ordering wines.

8. Title: View wine statistics in charts

Story: As an owner or waiter, I want to see how many each wine got sold in a chart such as the pie or bar chart, so that I can have better decision making when it comes to ordering wines.

9. Title: View past inventory

Story: As an owner or waiter, I want to see past inventory lists, so that I can have better decision making when it comes to ordering wines.

10. Title: View who did changes to the wine inventory

Story: As an owner or waiter, I want to see who was the last person to change the inventory values, so that I can contact the person if there was a mistake.

11. Title: Change inventory sort by

Story: As an owner or waiter, I want to sort the list either by wine type, wine quantity or wine name, so that I can look through the inventory with the desired order.

12. Title: Change inventory filter by

Story: As an owner or waiter, I want to filter out the list either by wine type, wine quantity or wine name , so that I can look through the filtered list.

*(5 marks) Appendix 1 – At least 30 user stories – Include scans of the front of 4 user story cards, and transcriptions of all story cards.*

### Appendix 2

1. Edit the wine description

Story: Edit the wine description

Scenario 1: Verify that the owner or waiter can modify the database to edit the wine description

Given [that the user is the owner or waiters]

When [the user tries edit the wine description]

Then [the database will edit wine description]

Story: Edit the wine description

Scenario 2: Verify that others cannot modify the database to edit the wine description

Given [that the user is not the owner or waiters]

When [the user tries to edit the wine description]

Then [the database will not edit the wine description]

And [an error message will be displayed]

And [the user will be locked out]

1. Edit the wine price

Story: Edit the wine price

Scenario 1: Verify that the owner or waiter can modify the database to edit the wine price

Given [that the user is the owner or waiters]

When [the user tries edit the wine price]

Then [the database will edit wine price]

Story: Edit the wine description

Scenario 2: Verify that others cannot modify the database to edit the wine price

Given [that the user is not the owner or waiters]

When [the user tries to edit the wine price]

Then [then database will not edit the wine price]

And [an error message will be displayed]

And [the user will be locked out]

1. Change the wine image

Story: Change the wine image

Scenario 1: Verify that the owner or waiter can modify the database to edit the wine image

Given [that the user is the owner or waiters]

When [the user tries edit the wine image]

Then [the database will edit the wine image]

Story: Change the wine image

Scenario 2: Verify that others cannot modify the database to edit the wine image

Given [that the user is not the owner or waiters]

When [the user tries to edit the wine image]

Then [then database will not edit the wine image]

And [an error message will be displayed]

And [the user will be locked out]

1. Change the font size

Story: Change the font size

Scenario 1: Verify that the owner or waiter can change the font size

Given [that the user is the owner or waiters]

When [the user tries change the font size]

Then [the font size will be changed]

Story: Change the font size

Scenario 2: Verify that others cannot change the font size

Given [that the user is not the owner or waiters]

When [the user tries to change the font size]

Then [the font size will not be changed]

And [an error message will be displayed]

And [the user will be locked out]

1. Change the language

Story: Change the language

Scenario 1: Verify that the owner or waiter can change language

Given [that the user is the owner or waiters]

When [the user tries to change language]

Then [the language will be changed]

Story: Change the language

Scenario 2: Verify that others cannot change the language

Given [that the user is not the owner or waiters]

When [the user tries to change language]

Then [then language will not be changed]

And [an error message will be displayed]

And [the user will be locked out]

1. Dark mode theme

Story: Change to dark mode theme

Scenario 1: Verify that the owner or waiter change to dark theme mode

Given [that the user is the owner or waiters]

When [the user tries to change to dark theme mode]

Then [the theme mode will be changed]

Story: Change the dark mode theme

Scenario 2: Verify that others cannot change the dark theme mode

Given [that the user is not the owner or waiters]

When [the user tries to change to dark theme mode]

Then [then theme mode will be changed]

And [An error message will be displayed]

And [the user will be locked out]

1. View wine statistics in numbers

Story: View wine statistics in numbers

Scenario 1: Verify that an employee can view the database

Given: that the user is an employee (owner or waiter)

When the user tries to view the inventory in form of a list

Then the inventory will be shown as a list

Story: View wine statistics in numbers

Scenario 2: Verify that an employee can view the database

Given: that the user is not an employee (owner or waiter)

When the user tries to view the inventory in form of a list

Then the inventory will not be shown to the user

And an error message will be displayed

And the user will be locked out

1. View wine statistics in charts

Story: View wine statistics in charts

Scenario 1: Verify that an employee can view the database

Given: that the user is an employee (owner or waiter)

When the user tries to view the inventory in the form of charts (pie or bar)

Then the charts representing the inventory will be shown

Story: View wine statistics in charts

Scenario 2:  Verify that an employee can view the database

Given: that the user is not an employee (owner or waiter)

When the user tries to view the inventory in the form of charts (pie or bar)

Then the charts representing the inventory will not be shown

And an error message will be displayed

And the user will be locked out

1. View past inventory

Story: View past inventory

Scenario 1: Verify that an employee can view the database

Given: that the user is an employee (owner or waiter)

When the user tries to see past inventory

Then the past inventory will be shown

Story: View past inventory

Scenario 2:  Verify that an employee can view the database

Given: that the user is not an employee (owner or waiter)

When the user tries to see past inventory

Then the past inventory will not be shown

And an error message will be displayed

And the user will be locked out

1. View who did changes to the wine inventory

Story: View who did changes to the wine inventory

Scenario 1: Verify that an employee can view the database

Given: that the user is an employee (owner or waiter)

When the user tries to see who did the last changes

Then the name of the person will be shown

Story: View who did changes to the wine inventory

Scenario 2: Verify that an employee can view the database

Given: that the user is not an employee (owner or waiter)

When the user tries to see who did the last changes

Then the name of the person will not be shown

And an error message will be displayed

And the user will be locked out

1. Change inventory sort by

Story: Change inventory sort by

Scenario 1: Verify that an employee can modify the database

Given: that the user is and employee (owner or waiter)

When the employee tries to sort the inventory by wine type, wine quantity or wine name

Then the inventory will be sorted by wine type, wine quantity or wine name.

Story: Change inventory sort by

Scenario 2: Verify that an employee can modify the database

Given: that the user is not an employee (owner or waiter)

When the user tries to sort the inventory by wine type, wine quantity or wine name

Then the inventory will not be sorted by wine type, wine quantity or wine name.

And an error message will be displayed

And the user will be locked out

1. Change inventory filter by

Story: Change inventory filter by

Scenario 1: Verify that an employee can modify the database

Given: that the user is and employee (owner or waiter)

When the employee tries to filter out the inventory by wine type, wine quantity or wine name

Then the inventory will be filtered out by wine type, wine quantity or wine name.

Story: Change inventory filter by

Scenario 2: Verify that an employee can modify the database

Given: that the user is not an employee (owner or waiter)

When the user tries to filter the inventory by wine type, wine quantity or wine name

Then the inventory will not be filtered by wine type, wine quantity or wine name.

And an error message will be displayed

And the user will be locked out

*(10 marks) Appendix 2 – At least two user story tests for each user story in Appendix 1 – Include scans of the back of the 4 user story cards scanned for Appendix 1, and transcriptions of all user story tests.*

### Appendix 3

*(5 marks) Appendix 3 – User story map – Include photos of the completed user story map, including close ups of at least 5 PostIt® notes so that they are legible.*

# Bibliography

APA style biblio. If we refer to our own past deliverable, we must cite it.