Software Report

Café-book Management Software

Testing Report

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Contents

1/ INTRODUCTION

1.1 Purpose of this document

The purpose of this document is:

- To show the test cases of the early developed system application
- To show that what functions in the requirement have been done and what still need to be developed (still have bugs)

1.2 Product Scope

The product is a software application for computers using Windows operating system and used for people who work at a café-book to manage the store.

1.3 Glossary

This subsection contains definitions of all the terms, acronyms, and abbreviations used in the document. Terms and concepts from the application domain are defined.

- Café-book (or book coffee): an establishment which primary serves coffee and books.

1.4 References

1.5 Overview

This document contains the following information:

- General test-cases
- Summary of the testing phrase of our project

2/ GENERAL TEST CASES

For our general test cases, include what functions we have tested in our product, the desired inputs & actual outputs for each test cases of our product, see the folder "Testcases" in our project folder at "Testing\Testcases for more information.

3/ TESTING SUMMARY

For the early developed application, we have done various tests for the specified requirements (you can see our testing data on our project folder) and we have concluded these following results:

3.1 Create Orders

- Only cashier can use this functions (success)
- Successfully generate fields that can be self-generated, reduce user works
- Successfully allow users to choose available foods/books
- Successfully check for VIP information & apply VIP discount
- Successfully calculate total payment based on chosen items, apply some discount based on order type (if have)
- Successfully check for old book borrow order ID & get data
- When an order is created, for food, the quantity of each ingredients in the food is successfully decreased based on the quantity of ingredient needed. For books, the book 's status will be changed to "Unavailable" & the book can't be reborrowed (Success)
- If the food called in the order don't have enough ingredient to made, the system must cancel the order & display error (still accept order)
- When the menu item (food) don't have enough ingredients in stock, the food status will change to "Unavailable" & the food can't be ordered (still can be ordered)
- The "Unavailable" foods/books can't be ordered (Success)
- There is a bug when create order, when you choose the required food, you can change the food name. But the order can't be added since its name would not be found in the server database.
- Priority number still accept string input
- For return book order, successfully retrieve information of borrow book order
- Successfully prevent user to create food order & book order at the same time
- VIP ID is required for borrow book order

3.2 View Orders/Transaction History

- Successfully allow any users to view orders by clicking the row header
- View data correctly
- Successfully disable fields, don't allow users to input anything

3.3   Update Order Status

- o   Only cashier can use this feature
- o   Successfully allow users to change order status
- o   Successfully disable fields, don't allow users to change anything else
- o   If the cashier doesn't change status, there is still a success update message.

3.4   Cancel Order

- o   Successfully allow user to delete order within 5 minutes after creation
- o   Doesn't deny users to delete order within 5 minutes after creation (only deny after a day)

3.5   Create Menu Items

- o   Only warehouse manager can use this feature
- o   Successfully add a menu items
- o   Successfully display error if some fields are not specified (name, status)
- o   Successfully deny adding items if the item has no ingredients

3.6   Update Menu Items

- o   Only warehouse manager can use this feature
- o   Successfully update a menu items
- o   Successfully deny adding items if the item has no ingredients
- o   When input another food name into the update/create, it will update the information of that food only (no food have the same name)

3.7   Delete Menu Items

- o   Only warehouse manager can use this feature.
- o   Successfully delete a newly created item
- o   If an item is already belonged to an order, then it can't be deleted (database references)

3.8   View Menu Items

- o   Any staff can view the item
- o   Data display correctly
- o   Successfully disable fields, don't allow users to input anything

3.9   Create Books

- o   Only warehouse manager can use this feature.
- o   Successfully implement the recommend system (when input a book name, it will suggest the book name by the data in the database, and when the user choose the book name, other fields will be automatically filled) (author + publisher)
- o   Successfully add books
- o   Successfully display error if no book name is specified

3.10 Update Books

- o   Only warehouse manager can use this feature.
- o   Successfully implement the recommend system (when input a book name, it will suggest the book name by the data in the database, and when the user choose the book name, other fields will be automatically filled) (author + publisher)
- o   Successfully update book information
- o   When input another book name into the update/create, it will update the information of that book only (no book have the same name)

3.11 Delete Books
- o Only warehouse manager can use this feature.
- o Successfully delete a newly created item
- o If an item is already belonged to an order, then it can't be deleted (database references)

3.12 View Books
- o Any staff can use this feature
- o Data display correctly
- o Disable fields, don't allow users to input anything

3.13 Create Book Wishlist
- o Only cashier can use this feature.
- o Successfully implement the recommend system (when input a book name, it will suggest the book name by the data in the database, and when the user choose the book name, other fields will be automatically filled) (author + publisher)
- o Successfully add books
- o Successfully display error if no book name is specified
- o Can add book wishlist whose information is already in the system

3.14 Update Book Wishlist
- o Only cashier can use this feature.
- o Successfully implement the recommend system (when input a book name, it will suggest the book name by the data in the database, and when the user choose the book name, other fields will be automatically filled) (author + publisher)
- o Successfully update book wishlist information
- o When input another book wishlist name into the update/create, it will update the information of that book wishlist only (no book have the same name)
- o If update a book wishlist whose book details already in a book, that book information also change

3.15 Delete Book Wishlist
- o Only cashier can use this feature.
- o Successfully delete a newly created item

3.16 View Book Wishlist
- o Any staff can use this feature
- o Data display correctly
- o Disable fields, don't allow users to input anything

3.17 View VIPs
- o Any staff can use this feature
- o Data display correctly
- o Disable fields, don't allow users to input anything

3.18 Create VIPs
- o Only cashier can use this feature.
- o Successfully implement the recommend system (for gender, occupation)
- o Successfully display error when civilian ID /Phone number is not a number
- o Successfully create a VIP
- o If civilian ID is too long, an error is displayed (about 10 digits)
- o If an added VIP have the same civilian ID with other VIP, the old VIP information will be rewrite (so we assume that no VIP has the same civilian ID)
- o No error display when no name, username/password input

3.19 Update VIPs
- Only cashier can use this feature.
- Successfully implement the recommend system (for gender, occupation)
- Successfully display error when civilian ID /Phone number is not a number
- Successfully update a VIP

3.20 View Staffs
- Any staff can use this feature
- Data display correctly
- Disable fields, don't allow users to input anything
- Only manager can view all list of staff & their information

3.21 Create Staffs
- Only manager can use this feature.
- Successfully implement the recommend system (for gender, occupation)
- Successfully display error when civilian ID /Phone number is not a number
- Successfully create a staff
- Successfully encrypt password
- If civilian ID is too long, an error is displayed (about 10 digits)
- If an added staff have the same civilian ID with other staff, the old staff information will be rewrite (so we assume that no staff has the same civilian ID)

3.22 Update Staffs
- Only manager can use this feature.
- Successfully implement the recommend system (for gender, occupation)
- Successfully display error when civilian ID /Phone number is not a number
- Successfully update a staff

3.23 View Schedule
- Any staff can use this function
- Data display correctly

3.24 Create Schedule
- Only manager can use this function
- Add data correctly
- Staff working hours automatically increase
- When change a shift schedule (replace a staff shift with another), working hours decrease.

3.25 View Stock Items
- Any staff can use this function
- Data display correctly
- Disable fields, users can't input anything

3.26 Create Stock Items
- Only warehouse manager can use this feature
- Successfully add an ingredient
- Successfully display error if some fields are not specified (name)
- If add an ingredient with the same name, then the information will be updated (no ingredient with the same name

3.27 Update Stock Items
- Only warehouse manager can use this feature
- Successfully update an ingredient
- If update an ingredient with different name, then the new ingredient will be added

3.28 Create Stock Order
- Only warehouse manager can use this feature
- Successfully create a stock order
- It looks like 2 screen appear at the same time
- There is a bug when create order, when you choose the required ingredient, you can change the food ingredient. But the order can't be added since its name would not be found in the server database.
- Ingredient quantity update correctly after create order

3.29 GUI
- In some cases: selector form still allow changes where it is not supposed to
- Language appear correctly (English + Vietnamese)
- Theme appear correctly & can be changed
- Sometime the loading screen is not closed.