
<FAST FOOD FANTASY>

TEST PLAN

Team Spanky

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TABLE OF CONTENTS

1 INTRODUCTION.....	3
1.1 Purpose of The Test Plan Document	3
2 TEST ITEM.....	3
2.1 Project description.....	3
2.2 Items to be Tested / Not Tested.....	3
2.3 Items to be excluded.....	4
2.4 Test Approach(s)	4
2.5 Test Pass / Fail Criteria	4
2.6 Test Entry / Exit Criteria	4
2.7 Test Deliverables.....	4
2.8 Test Suspension / Resumption Criteria	4
2.9 Staffing / Training Needs	4
3 RISK AND MITIGATION	5
3.1 Test Risks / Issues	5
4 TEST ENVIRONMENT AND INFRASTRUCTURE.....	5
4.1 Required Infrastructure	5
4.2 Availability Plan.....	5
5 ROLES AND RESPONSIBILITIES.....	5
5.1 Roles and assigned responsibilities	5
6 TEST SCHEDULE	6
6.1 Milestones and schedule.....	6
TEST PLAN APPROVAL	7
APPENDIX A: REFERENCES	8
APPENDIX B: KEY TERMS	9

1 INTRODUCTION

1.1 PURPOSE OF THE TEST PLAN DOCUMENT

Our team need to create a program that takes in restaurant info around Saddleback, their distances from each other, and their menus, to provide capability for a foodie to plan various trips from Saddleback to fast food restaurants. As an administrator, he or she can add the restaurant and modify the data after log in. For a foodie, he or she can select the planned trip which can be the shortest trip starting at Domino's Pizza or choose his or her own trip. The foodie also need to purchase multiple menu items. In the end, the project will display the total distance traveled and the total price that foodie purchased.

2 TEST ITEM

2.1 PROJECT DESCRIPTION

Our team plan to use black test to test the connect between each menu. Our team also need to test for the the total distance traveled and the total price that foodie purchased. We will use the several trips and randomly purchase items to check the total price and distance.

2.2 ITEMS TO BE TESTED / NOT TO BE TESTED

Item to Test	Test Description	Test Date	Responsibility
Menu	Check whether the distance is listed and check the display of the items and price after the administrator add the restaurant and modify the data. Check the connection between each menu.		
Distance	Calculate the total distance both the shortest and the total distance that chose by foodie.		
Price	Calculate the total price of the foodie purchased and check the price change after the administrator modify the data.		
Login	Enter the user name and password which is valid.		

2.3 ITEMS TO BE TESTED

Item Not to Test	Comment

2.4 TEST APPROACH(S)

Using the black testing at first to check the result of distance and price. Using mathematics to calculate the result by randomly chose.

2.5 TEST PASS / FAIL CRITERIA

If the menu connects well and can easily return to the main menu, the test passes; otherwise it fails.

If the result of the distance and price is the same using the math method, the test passes; otherwise it fails.

If the list displays organized, the test passes; otherwise it fails.

If the data changed and displayed organized, the test passes; otherwise its fails.

If the administrator using the valid username and password to log in, the login page works, the test passes; otherwise it fails.

2.6 TEST ENTRY / EXIT CRITERIA

Test enters as a foodie to use the program and choose the restaurant randomly. When the display menu shows the correct result and list them organized, the test exit.

Test enters as an administrator to log in and add the restaurant and modify the data. When foodie enters the menu and the data which added and modified before display correctly, the test exit.

2.7 TEST DELIVERABLES

The test will be done on the program and will using the screenshots to compare the data. The test will follow as a foodie and an administrator to check the result of the display and the connection of each menu.

2.8 TEST SUSPENSION / RESUMPTION CRITERIA

When the program runs error or cannot display at all the test will suspend.

As far as each menu connected well, the test will resume.

The test will not suspend, if the result of the distance or price does not right. It will be reconsider after the test finished.

2.9 STAFFING / TRAINING NEEDS

Different types of computers which can be Microsoft surface book or mac pro. All the

team member will meet together and test together.

3 RISK AND MITIGATION

3.1 TEST RISKS / ISSUES

If the menu fails to connect, the programmer first uses the switch to choose the restaurant and items.

If the log in page cannot recognize the valid user name or password, the programmer checks the background data and the compare function.

If the result does not correct, the programmer will check each data of the distance and price.

If the data cannot modify by the administrator, the programmer will check the get and set function.

4 TEST ENVIRONMENT AND INFRASTRUCTURE

4.1 REQUIRED INFRASTRUCTURE

Different types of computers which can be Microsoft surface book or mac pro. The maximum of the selection.

4.2 AVAILABILITY PLAN

The program may work well on the environment of Microsoft and hopefully works on Mac.

5 ROLES AND RESPONSIBILITIES

5.1 ROLES AND ASSIGNED RESPONSIBILITIES

[Describe various roles and responsibilities given to them. E.g. Junior Tester, Senior Tester, Project Manager etc.]

Role	Responsibility

6 TEST SCHEDULE

6.1 MILESTONES AND SCHEDULE

[Describe the describe key milestones, deliverables, efforts, start date and end date]

Milestone	Deliverable	Effort(Person Hour)	Start Date	End Date

TEST PLAN APPROVAL

The undersigned acknowledge they have reviewed the **<Fast Food Fantasy> Test Plan** document and agree with the approach it presents. Any changes to this Requirements Definition will be coordinated with and approved by the undersigned or their designated representatives.

[List the individuals whose signatures are required. Examples of such individuals are Business Steward, Technical Steward, and Project Manager. Add additional signature lines as necessary.]

Signature: _____ Date: _____
Print Name: _____
Title: _____
Role: _____

Signature: _____ Date: _____
Print Name: _____
Title: _____
Role: _____

Signature: _____ Date: _____
Print Name: _____
Title: _____
Role: _____

Appendix A: References

[Insert the name, version number, description, and physical location of any documents referenced in this document. Add rows to the table as necessary.]

The following table summarizes the documents referenced in this document.

Document Name and Version	Description	Location
<i><Document Name and Version Number></i>	<i>[Provide description of the document]</i>	<i><URL or Network path where document is located></i>

Appendix B: Key Terms

[Insert terms and definitions used in this document. Add rows to the table as necessary.]

The following table provides definitions for terms relevant to this document.

Term	Definition
<i>[Insert Term]</i>	<i>[Provide definition of the term used in this document.]</i>
<i>[Insert Term]</i>	<i>[Provide definition of the term used in this document.]</i>
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