

**FACULTY OF COMPUTER SYSTEM & SOFTWARE ENGINEERING**

**BCS3323: Software Testing & Maintenance**

### TEST CASE

### SPECIFICATIONS

FOOD ORDERING SYSTEM (FOS)

MANAGE MENU

Independent Verification and Validation

Version: 1.0.0

Date: 23/11/2016

# Document Control

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# Version History

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# Distribution List

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| **Version** | **Release Date** | **Contolled Copy No** | **Receipient Name** | **Department** | **Issue Date** | **Return Date** |
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# 1.0 Introduction

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| 1.1 Purpose This test case specification supports the following objective:  i. To detail the test cases derived from test coverage in Test Design Specification. 1.2 Scope |

This test design specification covers Order Food and Drink features developed in FOS.

## 1.3 References

The following documents provide the test basis for this test design:

i. The FOS Software Requirement Specifications (FOS\_SRS\_2.0)

ii. The FOS System Design Document (FOS\_SDD\_2.0)

iii. The FOS Test Design Specifications (FOS\_TDS\_1.0.0)

# 2.0 Test Cases

## 2.1 Environment

FOS tests will be run using dummy data where tested food ordering. Tests shall be performed on actual FOS with the following specification.

|  |  |
| --- | --- |
| Hardware name | HP 20-c042d |
| Manufacturer | HP |
| Keyboard | HP USB Keyboard |
| Processor | Intel® Pentium® J3710 Processor |

**Table 2.1 FOS Hardware Requirements**

The following dummy data for manage menu are needed for testing purposes:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table No. | Validity | Menu | Update | Save | View |
| 01 | Valid | N/A | N/A | N/A | N/A |
| 02 | Valid | 1. Family Set 2. Ala Carte-Prawn 3. IceLemonTea | Updated | Saved | Display Menu |
| 03 | Valid | 1. Family Set 2. Coffee | Fail to Update | Not save | Failed to load the menu page |

**Table 2.1 Required Dummy FOS data**

## 2.2 Test Case

This section details all test cases designed separated according to feature.

### 2.2.3 Session Verifiction

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_001 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Login | | |
| **Covered Test Coverage Items** | TCOV-05-001 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Login” button | Display Login page | Table 1 | None |

**Table 2.2.3.1 Verify Login button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| TC\_05\_002 | TC\_05\_002 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Update Menu | | |
| **Covered Test Coverage Items** | TC\_05\_002 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Select” button | Display Manage Menu page | Table 1 | None |

**Table 2.2.3.2 Verify Update button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_003 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Update Menu | | |
| **Covered Test Coverage Items** | TCOV-05-003 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Update” Set Meals button | Display Set Meals page | Table 1 | None |

**Table 2.2.3.3 Verify Update Set Meals button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_004 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Manage Menu | | |
| **Covered Test Coverage Items** | TCOV-05-004 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Update” Add Ons button | Display Add Ons page | Table 1 | None |

**Table 2.2.3.4 Verify Update Add Ons button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_005 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Manage Menu | | |
| **Covered Test Coverage Items** | TCOV-05-005 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Update” AlaCarte button | Display Ala Carte page | Table 1 | None |

**Table 2.2.3.5 Verify Update Ala Carte button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_006 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Manage Menu | | |
| **Covered Test Coverage Items** | TCOV-05-006 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Update” Drink button | Display Drink page | Table 1 | None |

**Table 2.2.3.6 Verify Update Drink button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_007 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Save Updated Menu | | |
| **Covered Test Coverage Items** | TCOV-05-007,TCOV-05-008 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Save” button | Display Database page | Table 1 | None |

**Table 2.2.3.7 Verify Save button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_008 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Save Updated Menu | | |
| **Covered Test Coverage Items** | TCOV-05-008 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Save menu in database | System display a pop up that menu is being saved to database | Table 1 | None |

**Table 2.2.3.8 Verify Save Updated Menu Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_009 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | View Updated Menu | | |
| **Covered Test Coverage Items** | TCOV-05-009 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “View” button | System display  list of updated menu | Table 1 | None |

**Table 2.2.3.9 Verify View button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_05\_010 | | |
| **Related Feature ID** | F005 | | |
| **Objective** | Display Menu | | |
| **Covered Test Coverage Items** | TCOV-09-010 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “View” button | System display  list of updated menu | Table 1 | None |

**Table 2.2.3.10 Verify Display Menu Test Case**