### 

**FACULTY COMPUTER SYSTEM & SOFTWARE ENGINEERING**

### TEST CASE

### SPECIFICATIONS

FOOD ORDERING SYSTEM (FOS)

ORDER FOOD AND DRINK

Independent Verification and Validation

Version: 1.0.0

Date: 23/11/2016

# Document Control

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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 | Surface Pro |
| Manufacturer | Microsoft |
| Keyboard | On-screen |
| Processor | Intel core i5 |

**Table 2.1 FOS Hardware Requirements**

The following dummy data for food ordering are needed for testing purposes:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table No. | Validity | List of Order | Qty | DineIn/TakeAway | Total Price |
| 01 | Invalid | N/A | N/A | N/A | N/A |
| 02 | Valid | 1. Family Set 2. Ala Carte-Prawn 3. IceLemonTea | 1. 3 2. 1 3. 3 | DineIn | RM 109.90 |
| 03 | Valid | 1. Family Set 2. Coffee | 1. 4 2. 4 | DineIn | RM 50.99 |

**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\_02\_001 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | View Menu | | |
| **Covered Test Coverage Items** | TCOV-02-001 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Menu” button | Display menu page | Table 1 | None |

**Table 2.2.3.1 Verify Menu button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_002 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | View Menu | | |
| **Covered Test Coverage Items** | TCOV-02-002 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Set Meals” button | Display Set Meals page | Table 1 | None |

**Table 2.2.3.2 Verify Set Meals button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_003 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | View Menu | | |
| **Covered Test Coverage Items** | TCOV-02-003 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Add Ons” button | Display Add Ons page | Table 1 | None |

**Table 2.2.3.3 Verify Add Ons button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_004 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | View Menu | | |
| **Covered Test Coverage Items** | TCOV-02-004 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Ala Carte” button | Display Ala Carte page | Table 1 | None |

**Table 2.2.3.4 Verify Ala Carte button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_005 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | View Menu | | |
| **Covered Test Coverage Items** | TCOV-02-005 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Drink” button | Display Drink page | Table 1 | None |

**Table 2.2.3.5 Verify Drink button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_006 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | Make Order | | |
| **Covered Test Coverage Items** | TCOV-02-006,TCOV-02-007 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Order” button | Display Order page | Table 1 | None |

**Table 2.2.3.6 Verify Drink button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_007 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | Make Order | | |
| **Covered Test Coverage Items** | TCOV-02-008 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Tick list of food | System display  list of menu that already being ticked | Table 1 | None |

**Table 2.2.3.7 Verify Tick list of food Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_008 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | Make Order | | |
| **Covered Test Coverage Items** | TCOV-02-009 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Reset” button | System display  list of menu that already being deleted. | Table 1 | None |

**Table 2.2.3.8 Verify Reset button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_009 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | Make Order | | |
| **Covered Test Coverage Items** | TCOV-02-010 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Tick “Dine In” or “Take Order” | System display the user’s choice whether to dine in or take away. | Table 1 | None |

**Table 2.2.3.9 Verify Reset button Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case ID** | TC\_02\_010 | | |
| **Related Feature ID** | F002 | | |
| **Objective** | Make Order | | |
| **Covered Test Coverage Items** | TCOV-02-011 | | |
| **Input** | **Expected Result** | **Special Procedural Requirements** | **Intercase Dependency** |
| Click “Confirm” button | System display the list of menu with total price  and send to waiter’s page | Table 1 | None |

**Table 2.2.3.10 Verify Confirm button Test Case**