# Scenario #: Book entities

## Scenario Description

* This scenario we focused on the book objects ,in this this we created book object ,add book ,finding book by ID ,author name and calling number
* We also used this object other module of the to interact with it

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 11/09/2016 | Muhammad Qasir Ali | In this basic new test cases of book class created |
| 1.0 | 15/09/2016 | Muhammad Qasir Ali | Test case for related book class |
| 1.5 | 17/09/2016 | Muhammad Qasir Ali | In this version we have member class constructor tested |

## Test Scripts

The following scripts will cover this scenario:

* 1.1 Test Script of book constructor
* 1.2 Test Script of book class methods
* 1.3 Test Script member class constructor
* 1.4 test scripts member class methods

## Use Case

* 1.1 Test Script of book constructor Test 1 use case with correct parameter
* 1.1 Test Script of book constructor Test 2 use case incompatible parameter
* 1.2 test Script of book class test 3 use case of methods calling
* 1.3 test script member class constructor test 4 use case for its object creation and integration with book object
* 1.4 test script member class constructor test 6 use case for its methods

## Test Components

Testing of separate software component is known as component testing.

Component Testing is considered as the Module Testing, because we are testing each module or component differently and effectively.

Book objects

Book class functions

## Script #1:

* In this script we have focused the book object entities and their integration

### Testing Requirements

Test requirements is to created objects and check its creation

### Setup

* This is the test script and there is no any pre requests for this test script

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | First created a junit test class |  |  |
| 2 | Then import the book class |  |  |
| 3 | Then import the dao class |  |  |
| 4 | Then created a new object of book class |  |  |
| 5 | Then insert object parameter | Book objects is created | Pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 17/09/16 11:35 am | Muhammad Qasir Ali | qasir | System Cycle 1 | Passed |
| 18/09/06 3:45 pm | Muhammad Qasir Ali | qasir | System Cycle 2 | Passed |

## Script #2:

* In this script we have focused the book method entities and their integration

### Testing Requirements

Test requirements is to created objects and check its creation

### Setup

* This is the test script 1 is run before this setup
* Then object function is called

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | First created a junit test class |  |  |
| 2 | Then import the book class |  |  |
| 3 | Then import the dao class |  |  |
| 4 | Then created a new object of book class |  |  |
| 5 | Then insert object parameter | Book objects is created | Pass |
| 6 | Then author function calling method | Function is called and passed | Pass |
| 7 | Then get book name function is called | Function is called and passed | pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 17/09/16 11:35 am | Muhammad Qasir Ali | qasir | System Cycle 1 | Passed |
| 2/16/06 3:45 pm | Muhammad Qasir Ali | qasir | System Cycle 2 | Passed |

## Script #3:

* In this script we have focused the book object entities and their integration

### Testing Requirements

Test requirements is to created objects and check its creation

### Setup

* Script is run and pass its test cases

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | First created a junit test class |  |  |
| 2 | Then import the book class |  |  |
| 3 | Then import the dao class |  |  |
| 4 | Then created a new object of book class |  |  |
| 5 | Then member objects is created | Member object is created | Pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 17/09/16 11:35 am | Muhammad Qasir Ali | qasir | System Cycle 1 | Passed |
| 2/16/06 3:45 pm | Muhammad Qasir Ali | qasir | System Cycle 2 | Passed |

## Script #1:

* In this script we have focused the book object entities and their integration

### Testing Requirements

Test requirements is run and test script 1 and test script 2

### Setup

* This is the test script and there is no any pre requests for this test script

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | First created a junit test class |  |  |
| 2 | Then import the book class |  |  |
| 3 | Then import the dao class |  |  |
| 4 | Then created a new object of book class |  |  |
| 5 | The member objects is created and book integration with it | Member objects is created and integrated with bookobjects | Pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 17/09/16 11:35 am | Muhammad Qasir Ali | qasir | System Cycle 1 | Passed |
| 2/16/06 3:45 pm | Muhammad Qasir Ali | qasir | System Cycle 2 | Passed |