**ITWorks – Unit Testing Progress Report**

**Project name:** **SAAirline Ticketing**

**Author : Travis Griggs**

Version: 1.0

Date: 25/11/2024

Status: Draft

**For more information**

|  |  |
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| **Project Contact:** |  |
| Tester name: Travis Griggs  Email: Travis.Griggs@student.tafesa.sa.edu |  |

**a. Progress indicator**

*\*\*Note: You are required to report the progress of the test project on* ***Session 5****.* Just record the number of test cases are completed on Session 5. Complete a test summary which analyses the test results by filling the following table.

|  |  |
| --- | --- |
| **Progress indicator as at: 12-11-2024** | |
| Total No. of Test Cases (for the project) | 10 |
| Test Cases completed the designed at this stage | 10 |
| Test Cases executed | 10 |
| Test Cases - Pass | 7 |
| Test Cases - Fail | 3 |
| Test Cases Not Executed | 0 |

Capture a screen shot in the space below to show the summary of the test result of all tests run from the NUnit project.

A screenshot of a computer

Description automatically generated

**b. Unit Testing Progress Report**

*Record what test cases are done and what test cases are not done on Session 5. Fill the following two tables:*

*\*\*Note: Use the date of Session 1 as the “report from date”*

*Use the date of Session 5 as the “report to date” and also the “review date”.*

|  |  |
| --- | --- |
| Project Name: | SAAirline Ticketing |
| Application Name: | SAAirline Ticketing |
| Report Date (From: dd-mmm-yyyy) | 30/10/2024 |
| Report Date (To: dd-mm-yyyy) | 12/11/2024 |
| Completed by (milestone date for the unit testing review date): | 12/11/2024 |
| Test Manager: | Jake Brown |

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| --- | --- | --- | --- | --- | --- |
| **Unit / Functional Testing** | | | | | |
| **Test Case ID** | **Description** | **Test Date** | **Tester** | **Status**  **(See possible status below)** | **Comment** |
| TC 1 | Invoice.setNumberOfSeats() | 12/11/2024 | Travis Griggs | Passed |  |
| TC 2 | Invoice.setPriceCode() | 12/11/2024 | Travis Griggs | Passed |  |
| TC 3 | Invoice.getDiscount() | 12/11/2024 | Travis Griggs | Passed |  |
| TC 4 | Invoice.getCharge() | 12/11/2024 | Travis Griggs | Passed |  |
| TC 5 | Seat.bookSeats() | 12/11/2024 | Travis Griggs | Fail | Last booked seat number should be updated to 4 after booking 3 seats. Expected: 4 But was: 1 |
| TC 6 | Activity.bookSeats() | 12/11/2024 | Travis Griggs | Passed |  |
| TC 7 | Customer Constructor (Null Test) | 12/11/2024 | Travis Griggs | Fail | Creating a Customer with a null first name should throw an ArgumentNullException. Expected: <System.ArgumentNullException> But was: null |
| TC 8 |  |  |  |  |  |
| TC 9 | Invoice.setTheCust() | 12/11/2024 | Travis Griggs | Passed |  |
| TC10 | Seat.bookSeats() (Exception Test) | 12/11/2024 | Travis Griggs | Fail | Booking more seats than available should throw ArgumentOutOfRangeException. Expected: <System.ArgumentOutOfRangeException> But was: null |

Note: The **test date** is the date that the test case is being conducted.

**Possible Status:**

**Not run** – Initial status for a new test case. Indicates that the test case has been created but is not yet executed.

**In progress** – Indicates that the test case is being run, but not yet completed.

**Passed** -  Indicates that the test case was executed and met the expected results.

**Failed** – Indicates that the test case did not meet the expected result. It will trigger a defect update.

**Blocked** – Indicates that the test case cannot be run for some reason.

**Retest** – Indicates that the test case is going to be retested. (i.e. failed test case become ready for execution again)

**Deferred** – Use this to closed out a failed, blocked or not run testcase due to test effort has run out of time. Test management decided to accept the risk of implementing an untested feature.

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| --- | --- | --- | --- | --- |
| **Name** | **Role** | | **Date** | |
|  |  | |  | |
| 1. **Travis Griggs** | Tester | 12/11/2024 | |
|  |  |  | |
| 1. **Jake Brown** | Test manager | xxxxxxxxxxx | |
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