# SDV502 Unit Test Assignment 1 Template

This template must be used to document all your unit tests. Colouring the “Actual v1” & “Actual V2” red or green indicates whether the test passed of failed – the actual result is the same as the expected result or not.

## <Function Name Heading>

<Any relevant accompanying information – function info, ECP & BVA info, etc…>

**<CLASS>**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Input 2 | Expected | Actual v1 | Actual v2 |
| <TheResult\_WhenCondition> | 45 | 45 | 350 | 360 | 350 |
|  |  |  |  |  |  |

# Example

For the following example, your class name would be **GettingAPPaymentDate\_Should** and your unit test function name would be **ReturnDate30DaysInFuture\_WhenProposedDateFallsOnWeekday**. Write these out using flowing English, as below.

## CalculateFuturePaymentDate()

This function takes a starting date as the input, and returns a future date as the output.

**Getting AP Payment Date Should**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 | Actual v2 |
| Return date 30 days in the future when proposed date falls on a weekday. | 02/08/2017 | 01/09/2017 | 05/07/2017 | 01/09/2017 |
|  |  |  |  |  |