**REQUIREMENT**

TAX CALCULATOR

1. Overview and Description

1.0 Tax year

1.1 Page details

1.1.1 Calculator hosting

1.1.2 Number of pages

2. Page Definitions

2.1 Calculator page

2.1.1 Controls

1. Tick boxes

2. User Data Entry

3. Buttons

4. Calculated fields

2.1.2 Tool Tips

3. Validation

4. Calculation

**TEST PLAN**

1. Overview and Description

1. Tax year

Test that the calculator is for 2003/2004

|  |  |  |
| --- | --- | --- |
| Step Name | Description | Expected Result |
| 1 | Open IE 7 | IE 7 opens |
| 2 | Type ‘’www.taxcentralcalculator.com’’ and press enter | Tax central calculator homepage is displayed |
| 3 | Check whether the year displayed on the calculator is 2003/2004 | 2003/2004 is displayed on the calculator |

1.1.2 Number of pages

Test that the calculator has only 1 page

|  |  |  |
| --- | --- | --- |
| Step Name | Description | Expected Result |
| 1 | Open IE 7 | IE 7 opens |
| 2 | Type ‘’www.taxcentralcalculator.com’’ and press enter | Tax central calculator homepage is displayed |
| 3 | Check the number of pages the calculator is displayed | The calculator page should be 1 |

2.1 Correct tax and national insurance deduction calculator

|  |  |  |
| --- | --- | --- |
| Step Name | Description | Expected Result |
| 1 | Open IE7 | IE 7 opens |
| 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter | Tax central calculator home page is displayed |
| 3 | Observe calculator indicates:   1. payslip calculator 2. Rate year 2003/2004 3. Member of occupational pension scheme contracted to SP2 4. Male over 65 or Female over 60 5. Are you paid weekly? 6. Gross salary for week/month 7. Your payslip tax code 8. “Calculate field” 9. “Result” 10. Tax 11. Employee National insurance | Displayed  Displayed  Displayed    Displayed  Displayed  Displayed  Displayed  Displayed    Displayed  Displayed  Displayed  Displayed |

2.1.1 Control.

|  |  |  |  |
| --- | --- | --- | --- |
| Test Set | Step Name | Description | Expected Result |
| 2.1.1.1 |  |  |  |
| Are you contracted out of SP2” |  | Tick field | Displayed |
|  | 1 | Open IE7 | IE 7 opens |
| 2.1.1.1.1 |  |  |  |
| Verify “Are you contracted out of SP2” field ticks | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter | Tax central calculator home page is displayed |
|  | 3 | Tick field | Field ticked |
| 2.1.1.1.2 |  |  |  |
| Verify “Are you contracted out of SP2” field un-ticks | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Tick field |  |
|  | 4 | Un-tick field |  |
|  |  |  |  |
| 2.1.1.2 |  |  |  |
| Are you a male over 65 or a female over 60 |  | Tick field |  |
|  |  |  |  |
| 2.1.1.2.1 |  |  |  |
| Verify “Are you a male over 65 or a female over 60” field ticks | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Tick field |  |
|  |  |  |  |
| 2.1.1.2.2 |  |  |  |
| Verify “Are you a male over 65 or a female over 60” field un-ticks | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Tick field |  |
|  | 4 | Un-tick field |  |
|  |  |  |  |
| 2.1.1.3 |  |  |  |
| Are you paid weekly |  | Tick field |  |
|  |  |  |  |
| 2.1.1.3.1 |  |  |  |
| Verify “Are you paid weekly” field ticks | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Tick field |  |
| 2.1.1.3.2 |  |  |  |
| Verify “Are you paid weekly” field un-ticks | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Tick field |  |
|  | 4 | Un-tick field |  |
|  |  |  |  |
| 2.1.1.4 |  |  |  |
| Gross Salary for week/month |  | Tick field |  |
|  |  |  |  |
| 2.1.1.4.1 |  |  |  |
| Verify “Gross Salary for week/month” field accepts numeric | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to gross salary for week/month |  |
|  | 4 | Type 40000 |  |
|  | 5 | Navigate and enter payslip tax code |  |
|  | 6 | Click “calculate” field |  |
|  |  |  |  |
| 2.1.1.4.2 |  |  |  |
| Verify “Gross Salary for week/month” field accepts currency character and numeric | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to gross salary for week/month |  |
|  | 4 | Type $40000 |  |
|  | 5 | Navigate and enter payslip tax code |  |
|  | 6 | Click “calculate” field |  |
|  |  |  |  |
| 2.1.1.4.3 |  |  |  |
| Verify “Gross Salary for week/month” field does not accepts values in words | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to gross salary for week/month |  |
|  | 4 | Type forty thousand dollars and press enter |  |
|  | 5 | Navigate and enter payslip tax code |  |
|  | 6 | Click “calculate” field | converted to £0 |
|  |  |  |  |
| 2.1.1.4.4 |  |  |  |
| Verify “Gross Salary for week/month” field does not accepts blank field | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to gross salary for week/month |  |
|  | 4 | Leave blank |  |
|  | 5 | Navigate and enter payslip tax code |  |
|  | 6 | Click “calculate” field | error message displayed with “OK” |
|  |  |  |  |
| 2.1.1.4.5 |  |  |  |
| Verify “Gross Salary for week/month” field does not accepts negative figures | 1 | Open IE7 |  |
|  |  | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  |  | Navigate to gross salary for week/month |  |
|  |  | Type -$40000 | Error message displayed |
| 2.1.1.5 |  |  |  |
| Your payslip tax code |  |  |  |
|  |  |  |  |
| 2.1.1.5.1 | 1 | Open IE7 |  |
| Verify “Your payslip tax code” accepts alphanumeric | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to payslip tax code |  |
|  | 4 | Type A1234 |  |
|  |  |  |  |
| 2.1.1.5.2 |  |  |  |
| Verify “Your payslip tax code” accepts alphabet at the beginning of tax code | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to payslip tax code |  |
|  | 4 | Type T4523 and press enter |  |
|  |  |  |  |
| 2.1.1.5.3 |  |  |  |
| Verify “Your payslip tax code” accepts alphabet at the end of tax code | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to payslip tax code |  |
|  |  | Type 4523T and press enter |  |
| 2.1.1.5.4 |  |  |  |
| Verify “Your payslip tax code” accepts upper and lower cases alphabet | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to payslip tax code |  |
|  | 4 | Type a1234 and press enter |  |
|  |  |  |  |
| 2.1.1.5.5 |  |  |  |
| Verify “Your payslip tax code” field auto converts invalid code to a valid code | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to payslip tax code |  |
|  | 4 | Type a4523T and press enter | Field changes a4523T to 4523T and accepts code |
|  |  |  |  |
| 2.1.1.5.6 |  |  |  |
| Verify “Your payslip tax code” field displays error message to unconverted invalid code | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to payslip tax code |  |
|  | 4 | Type a4523T and press enter | a4523T displayed |
|  | 5 | Navigate to calculate | Error message displayed and returns you to “payslip tax code” |
|  |  |  |  |
| 2.1.1.6 |  |  |  |
| Calculate |  |  |  |
|  |  |  |  |
| 2.1.1.6.1 |  |  |  |
| Verify “Calculate” field generate result | 1 | Open IE7 |  |
|  | 2 | Type [www.taxcentralcalculator.com](http://www.taxcentralcalculator.com) and press enter |  |
|  | 3 | Navigate to calculate and click | Button operates |
|  | 4 | Navigate to tax | Tax figure displayed |