**CS265B Software Testing**

Add more columns / rows as needed

# Exercise 1: Sports Club

a) Condition Coverage Testing

| ***Test Case ID*** | ***Decision*** | ***Condition*** |
| --- | --- | --- |
| 1 | 1 | (age<6) |
| 2 |  | !(age<6) |
| 3 |  | (age>65) |
| 4 |  | !(age>65) |
| 5 |  | (memberYear<0) |
| 6 |  | !(memberYear<0) |
| 7 |  | (memberYear>59) |
| 8 |  | !(memberYear>59) |
| 9 | 2 | (memberYear<=3) |
| 10 |  | ! (memberYear<=3) |

| ***Test ID*** | ***Test Cases Covered*** | ***Parameters***  ***Input Value (age)*** | ***Input Value (mY)*** | ***Expected***  ***Output*** | ***Actual***  ***Output*** |
| --- | --- | --- | --- | --- | --- |
| 1 | 1,4,5,8, | 5 | -1 | Not Valid |  |
| 2 | 2,3,6,7 | 70 | 65 | Not Valid |  |
| 3 | 2,4,6,8,9 | 40 | 2 | 300 |  |
| 4 | 2,4,6,8,10 | 40 | 5 | 270 |  |
|  |  |  |  |  |  |

b) Decision / Condition Coverage Testing

| ***Test Case ID*** | ***Decision*** | ***Condition*** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

| ***Test ID*** | ***Test Cases Covered*** | ***Parameters***  ***Input Values*** | ***Expected***  ***Output*** | ***Actual***  ***Output*** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Exercise 2: Number of Days

a) Condition Coverage Testing

| ***Test Case ID*** | ***Decision*** | ***Condition*** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

| ***Test ID*** | ***Test Cases Covered*** | ***Parameters***  ***Input Values*** | ***Expected***  ***Output*** | ***Actual***  ***Output*** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

b) Multiple Condition Coverage Testing

| ***Test Case ID*** | ***Condition #1*** | ***Condition #2*** | ***Condition #3*** | ***...*** | ***Condition #n*** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

| ***Test ID*** | ***Test Cases/Rules Covered*** | ***Input Values*** | ***Expected***  ***Output*** | ***Actual***  ***Output*** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |