

# UNIT TESTING REPORT

## UT CASE 1-5 Sunny cases for Customer validation:-

```
void TestDriver::TestCustomerSunnyCase1(void)
{
    CPPUNIT_ASSERT(1 == tokenizingFile("1230321|Sai|Reddy|1-190,SBI Colony,Puttur,Chittoor|9701386578|New|"));
}
void TestDriver::TestCustomerSunnyCase2(void)
{
    CPPUNIT_ASSERT(1 == tokenizingFile("1230323|venkatesh|Gunake|302, N.G.Mill, Murarji Peth, Solapur-413001|8686661077|New|"));
}
void TestDriver::TestCustomerSunnyCase3(void)
{
    CPPUNIT_ASSERT(1 == tokenizingFile("1230325|vedant|Ban|Shriram Colony, Sailu, Maharashtra - 431503|9420821191|New|"));
}
void TestDriver::TestCustomerSunnyCase4(void)
{
    CPPUNIT_ASSERT(1 == tokenizingFile("1230329|John|Mathews|2-2/5,Galleria Complex,Bengaluru|9441534599|Existing|"));
}
void TestDriver::TestCustomerSunnyCase5(void)
{
    CPPUNIT_ASSERT(1 == tokenizingFile("1230324|Pushpendra|Yadav|Ayodhya, Uttar Pradesh|7705888861|Existing|"));
}
```

## UT CASE 6-10: Rainy cases for Customer validation:-

```
void TestDriver::TestCustomerRainyCase1(void)
{
    CPPUNIT_ASSERT(0 == tokenizingFile("1230324|Pushpendra|Yadav|Ayodhya, Uttar Pradesh||Existing|"));
}
void TestDriver::TestCustomerRainyCase2(void)
{
    CPPUNIT_ASSERT(0 == tokenizingFile("1230526|vedant|Ban||9420821191|New|"));
}
void TestDriver::TestCustomerRainyCase3(void)
{
    CPPUNIT_ASSERT(0 == tokenizingFile("|||||"));
}
void TestDriver::TestCustomerRainyCase4(void)
{
    CPPUNIT_ASSERT(0 == tokenizingFile("1230333|||9485859898|Existing|"));
}
void TestDriver::TestCustomerRainyCase5(void)
{
    CPPUNIT_ASSERT(0 == tokenizingFile("1230327|Ankur|||Sangli|New|"));
}
```

### UT CASE 11-15 Sunny Cases for Date Validation:-

```
void TestDriver::TestDateSunnyCase1(void)
{
    CPPUNIT_ASSERT(1 == dateValidation("01/05/2002"));
}

void TestDriver::TestDateSunnyCase2(void)
{
    CPPUNIT_ASSERT(1 == dateValidation("27/07/2021"));
}

void TestDriver::TestDateSunnyCase3(void)
{
    CPPUNIT_ASSERT(1 == dateValidation("29/02/2000"));
}

void TestDriver::TestDateSunnyCase4(void)
{
    CPPUNIT_ASSERT(1 == dateValidation("15/11/2011"));
}

void TestDriver::TestDateSunnyCase5(void)
{
    CPPUNIT_ASSERT(1 == dateValidation("08/07/2022"));
}
```

### UT CASE 16-20 Rainy Cases for Date Validation:-

```
void TestDriver::TestDateRainyCase1(void)
{
    CPPUNIT_ASSERT(0 == dateValidation("29/02/2022"));
}

void TestDriver::TestDateRainyCase2(void)
{
    CPPUNIT_ASSERT(0 == dateValidation("31/09/2015"));
}

void TestDriver::TestDateRainyCase3(void)
{
    CPPUNIT_ASSERT(0 == dateValidation("30/12/1996"));
}

void TestDriver::TestDateRainyCase4(void)
{
    CPPUNIT_ASSERT(0 == dateValidation("13/15/2010"));
}

void TestDriver::TestDateRainyCase5(void)
{
    CPPUNIT_ASSERT(0 == dateValidation("07/04/2025"));
}
```

## **UT CASES 1-20 OUTPUT:-**

UT\_Report.txt

1	TestDriver::TestCustomerSunnyCase1 : OK
2	TestDriver::TestCustomerSunnyCase2 : OK
3	TestDriver::TestCustomerSunnyCase3 : OK
4	TestDriver::TestCustomerSunnyCase4 : OK
5	TestDriver::TestCustomerSunnyCase5 : OK
6	TestDriver::TestCustomerRainyCase1 : OK
7	TestDriver::TestCustomerRainyCase2 : OK
8	TestDriver::TestCustomerRainyCase3 : OK
9	TestDriver::TestCustomerRainyCase4 : OK
10	TestDriver::TestCustomerRainyCase5 : OK
11	TestDriver::TestDateSunnyCase1 : OK
12	TestDriver::TestDateSunnyCase2 : OK
13	TestDriver::TestDateSunnyCase3 : OK
14	TestDriver::TestDateSunnyCase4 : OK
15	TestDriver::TestDateSunnyCase5 : OK
16	TestDriver::TestDateRainyCase1 : OK
17	TestDriver::TestDateRainyCase2 : OK
18	TestDriver::TestDateRainyCase3 : OK
19	TestDriver::TestDateRainyCase4 : OK
20	TestDriver::TestDateRainyCase5 : OK
21	OK (20)