

ECSE 414 Intro. to Telecom. Networks
Sample Testing Document

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1 Type of testing (Black box , integration, etc)

1.1 Class Under Test

Testing assigned to: Name

Name of class: Class Name

Description of class: What it does.

Purpose: Why it's needed and why it's used.

Usage: Where its used. (What other components will be using this class for example)

Class Methods:

1. Method 1 Name:

(a) Method Description: Input, output

(b) Tested: Yes or No: If no, give a short explanation

2. Method 2 Name:

(a) Method Description: Input, output

(b) Tested: Yes or No: If no, give a short explanation

1.2 Test cases

Methods Being Tested:

1. Method 1

2. method 2

1.2.1 Test case 1:

Test Case Description:

What is being tested and why.

Steps to perform test:

Explain the steps to perform the test

Test case Number:

Give it a label: example:TC1

1.2.2 Test case 2:

Test Case Description:

What is being tested and why.

Steps to perform test:

Explain the steps to perform the test

Test case Number:

Give it a label: example:TC2

1.2.3 Test Plan

Test Case	Input	Expected Output	Actual Results	Verdict
TC1	input for test case	Expected output from input	Results from performing TC1	Pass or Fail
TC2	x = 4 y = 4	True	True	Pass

1.3 Test Results

1.3.1 Test Summary:

Passed: Number of cases that passed ex. 7

Failed: Number of cases that failed ex. 3

Success Rate: Percentage of passed test cases ex. 70% or 7/10

Failed Test Cases:

1.3.2 Result Analysis

Failed Test Cases:

1. TC1
2. TC3
3. TC10

Explain the failed test cases and what needs to be done and plans on retesting.