

Test Plan

1. Purpose: This test plan is to test a computer calendar system for distance learning, DLS.
2. Unit Testing
  - 2.1. Calendar module: This module maintains the calendar.
    - 2.1.1. Equivalence classes for calendar module:
      - 2.1.1.1. The equivalence classes for item "date":
        1. mm/dd/yy      acceptable
        2. anything else      error
      - 2.1.1.2. The equivalence classes for item "event-name":
        1. string of less than 8 alphanumeric characters      acceptable
        2. string of longer than 7 alphanumeric characters      error
    - .....
    - 2.1.2. Checklist: The following black-box tests will be performed.
      - (    ) Insert a new calendar entry.
      - (    ) Modify an existing calendar entry.
      - (    ) Delete an existing calendar entry.
      - (    ) Create a new DLS.    Insert a few calendar entries.
      - (    ) Save DLS.    Re-open to verify save is correct.
    - .....
  - 2.2. Search module: This module searches the calendar.
    - 2.2.1. Equivalence classes: .....
    - 2.2.2. Checklist: The following black-box tests will be performed.
      - (    ) Search for a calendar entry in a DLS.
      - (    ) Search for a calendar entry in all DLSs.
      - (    ) Traverse a link from one calendar page to open another calendar page.
    - .....
  - 2.3. ....
  - 2.4. Who will perform the tests
3. Integration Testing
  - 3.1. Purpose
  - 3.2. Integration Testing Checklist
  - 3.3. Who will perform the tests
4. System Testing
  - 4.1. Purpose
  - 4.2. System Testing Checklist
  - 4.3. Who will perform the tests
5. Acceptance Testing
  - 5.1. Purpose
  - 5.2. Acceptance Testing Checklist
  - 5.3. Who will perform the tests

Your table of tests should look like the following:

test no	description	input	expected output	date tested	problem	solution
test 2 WhiteBox	unit test user login	dates in WD	error message displayed			
test 15 BlackBox	func test new event	event in ED	new calendar is displayed			
test304 BlackBox	system test	power up	initial window appears			

- Notes: (1) WD is the equivalence class for Wrong Dates.  
(2) ED is the equivalence class for Event Data.  
(3) There should be hundreds of tests for unit testing.  
      This table of tests follow the Test Plan.  
(4) You can add dividing lines in bold face between tests  
for different modules so that it is easy to see the groups.  
(5) One group of tests must be using white-box testing technique.