

Unit Test Report for Digital Watch System

- Test Data
- Test Summary Report

Project Team

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1 Introduction

1.1 Objectives

본 문서는 2012년 2학기 SE 수업의 T2가 개발한 Digital Watch System (DWS)을 Unit Testing 결과문서이다. T2가 정의한 Unit을 Testing을 수행하고 그 결과를 T2에게 통보하기 위해 작성한다..

1.2 References

DS-2012.T2.DWS.UTP-2.1

2 Unit test summary report

2.1 Test summary report identifier

Running Suite DWS_UTC_110		
	Running test DWS_UTC_110_00 ...	Passed
Running Suite DWS_UTC_120		
	Running test DWS_UTC_120_00 ...	Passed
Running Suite DWS_UTC_130		
	Running test DWS_UTC_130_00 ...	Passed
Running Suite DWS_UTC_140		
	Running test DWS_UTC_140_00 ...	Passed
Running Suite DWS_UTC_220		
	Running test DWS_UTC_220_00 ...	Passed
Running Suite DWS_UTC_230		
	Running test DWS_UTC_230_00 ...	Passed
Running Suite DWS_UTC_151		
	Running test DWS_UTC_151_00 ...	Failed
File Name	C:\Users\dalee\workspace\src\TestCode.c	Line Number 261
Condition	0	
Running Suite DWS_UTC_152		
	Running test DWS_UTC_152_00 ...	Failed
File Name	C:\Users\dalee\workspace\src\TestCode.c	Line Number 298
Condition	0	
Running Suite DWS_UTC_153		
	Running test DWS_UTC_153_00 ...	Passed
Running Suite DWS_UTC_154		
	Running test DWS_UTC_154_00 ...	Passed
	Running test DWS_UTC_154_01 ...	Passed
	Running test DWS_UTC_154_02 ...	Passed
	Running test DWS_UTC_154_03 ...	Passed
	Running test DWS_UTC_154_04 ...	Passed
	Running test DWS_UTC_154_05 ...	Passed
	Running test DWS_UTC_154_06 ...	Passed
	Running test DWS_UTC_154_07 ...	Passed
	Running test DWS_UTC_154_08 ...	Passed
	Running test DWS_UTC_154_09 ...	Passed

Running test DWS.UTC_154_11 ...		Failed
File Name	C:\Users\dalee\W.hudson\Wjobs\WT2_v2_Testing\Wworkspace\Wsrc\WTestCode.c	Line Number 691
Condition	Time.month == 12	
Running test DWS.UTC_154_12 ...		Passed
Running test DWS.UTC_154_13 ...		Failed
File Name	C:\Users\dalee\W.hudson\Wjobs\WT2_v2_Testing\Wworkspace\Wsrc\WTestCode.c	Line Number 730
Condition	Time.date == 1	
Running test DWS.UTC_154_14 ...		Passed
Running test DWS.UTC_154_15 ...		Failed
File Name	C:\Users\dalee\W.hudson\Wjobs\WT2_v2_Testing\Wworkspace\Wsrc\WTestCode.c	Line Number 768
Condition	Time.date == 1	
Running Suite DWS.UTC_155		
Running test DWS.UTC_155_00 ...		Passed
Running test DWS.UTC_155_01 ...		Passed
Running Suite DWS.UTC_156		
Running test DWS.UTC_156_00 ...		Passed
Running test DWS.UTC_156_01 ...		Passed
Running Suite DWS.UTC_157		
Running test DWS.UTC_157_00 ...		Passed
Running Suite DWS.UTC_158		
Running test DWS.UTC_158_00 ...		Passed
Running Suite DWS.UTC_159		
Running test DWS.UTC_159_00 ...		Passed
Running Suite DWS.UTC_15A		
Running test DWS.UTC_15A_00 ...		Passed
Running test DWS.UTC_15A_01 ...		Passed
Running test DWS.UTC_15A_02 ...		Passed
Running test DWS.UTC_15A_03 ...		Passed
Running Suite DWS.UTC_15B		
Running test DWS.UTC_15B_00 ...		Passed
Running test DWS.UTC_15B_01 ...		Failed
File Name	C:\Users\dalee\W.hudson\Wjobs\WT2_v2_Testing\Wworkspace\Wsrc\WTestCode.c	Line Number 1140
Condition	BackLight.backlight = 0	
Running Suite DWS.UTC_211		
Running test DWS.UTC_211_00 ...		Failed
File Name	C:\Users\dalee\W.hudson\Wjobs\WT2_v2_Testing\Wworkspace\Wsrc\WTestCode.c	Line Number 1178
Condition	0	

Running Suite DWS_UTC_212					
	Running test DWS_UTC_212_00 ...			Passed	
Running Suite DWS_UTC_213					
	Running test DWS_UTC_213_00 ...			Passed	
Running Suite DWS_UTC_214					
	Running test DWS_UTC_214_00 ...			Passed	
Running Suite DWS_UTC_215					
	Running test DWS_UTC_215_00 ...			Passed	
Cumulative Summary for Run					
Type	Total	Run	Succeeded	Failed	Inactive
Suites	22	22	- NA -	0	0
Test Cases	42	42	35	7	0
Assertions	124	124	117	7	n/a

2.2 Evaluation

첫 번째 구현보다 SRA의 정리가 잘 되었으며, 코드에 반영도 잘 되었다. 하지만 **State transition diagram**으로 표현한 부분이 코드에 반영이 되지 않아 테스트를 수행할 수 없었다.

SVN server인 https://203.252.164.101:8443/svn/default/T2_v2_testing/ 에서 Test Code를 확인할 수 있다.

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