

# Unit Test Report

## for Digital Watch System

- Test Data
- Test Summary Report

### Project Team

이동아

김의섭

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### Team Information

이동아: [dalee.dslab@gmail.com](mailto:dalee.dslab@gmail.com)

김의섭: [atang34@naver.com](mailto:atang34@naver.com)

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## 1 Introduction

### 1.1 Objectives

본 문서는 2012년 2학기 SE 수업의 T1이 개발한 Digital Watch System (DWS)을 Unit Testing 결과문서이다. T1이 정의한 Unit을 Testing을 수행하고 그 결과를 T1에게 통보하기 위해 작성한다..

### 1.2 References

DS-2012.T1.DWS.UTP-2.0

## 2 Unit test summary report

### 2.1 Test summary report identifier

Running Suite DWS.UTC.1000		
Running test DWS.UTC_1000_00 ...		Passed
Running Suite DWS.UTC.2151		
Running test DWS.UTC_2111_00 ...		Passed
Running test DWS.UTC_2111_01 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 94
<b>Condition</b>	Time.mil_sec == 0	
Running Suite DWS.UTC.2112		
Running test DWS.UTC_2112_00 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 139
<b>Condition</b>	0	
Running test DWS.UTC_2112_01 ...		Passed
Running test DWS.UTC_2112_02 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 151
<b>Condition</b>	0	
Running test DWS.UTC_2112_03 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 157
<b>Condition</b>	0	
Running Suite DWS.UTC.2113		
Running test DWS.UTC_2113_00 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 204
<b>Condition</b>	0	
Running test DWS.UTC_2113_01 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 210
<b>Condition</b>	0	
Running test DWS.UTC_2113_02 ...		Failed
<b>File Name</b>	C:\Users\dalee\hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 216
<b>Condition</b>	0	

Running test DWS.UTC.2113_03 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 222
<b>Condition</b>	0	
Running test DWS.UTC.2113_04 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 231
<b>Condition</b>	0	
Running test DWS.UTC.2113_05 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 237
<b>Condition</b>	0	
Running test DWS.UTC.2113_06 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 244
<b>Condition</b>	0	
Running test DWS.UTC.2113_07 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 251
<b>Condition</b>	0	
Running test DWS.UTC.2113_08 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 258
<b>Condition</b>	0	
Running test DWS.UTC.2113_09 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 265
<b>Condition</b>	0	
Running test DWS.UTC.2113_10 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 272
<b>Condition</b>	0	
Running test DWS.UTC.2113_11 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 278
<b>Condition</b>	0	
Running Suite DWS.UTC.2114		
Running test DWS.UTC.2114_00 ...		Failed
<b>File Name</b>	C:\Users\dalee\workspace\src\TestCode.c	<b>Line Number</b> 333
<b>Condition</b>	0	

Running test DWS.UTC_2114_01 ...		Failed
<b>File Name</b>	C:\Users\dalee\W.hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 339
<b>Condition</b>	0	
Running test DWS.UTC_2114_02 ...		Failed
<b>File Name</b>	C:\Users\dalee\W.hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 347
<b>Condition</b>	0	
Running Suite DWS.UTC_2115		
Running test DWS.UTC_2115_00 ...		Passed
Running test DWS.UTC_2115_01 ...		Passed
Running test DWS.UTC_2115_02 ...		Passed
Running test DWS.UTC_2115_03 ...		Passed
Running test DWS.UTC_2115_04 ...		Passed
Running test DWS.UTC_2115_05 ...		Passed
Running test DWS.UTC_2115_06 ...		Failed
<b>File Name</b>	C:\Users\dalee\W.hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 453
<b>Condition</b>	0	
Running Suite DWS.UTC_2116		
Running test DWS.UTC_2116_00 ...		Passed
Running test DWS.UTC_2116_01 ...		Passed
Running test DWS.UTC_2116_02 ...		Failed
<b>File Name</b>	C:\Users\dalee\W.hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 526
<b>Condition</b>	0	
Running test DWS.UTC_2116_03 ...		Failed
<b>File Name</b>	C:\Users\dalee\W.hudson\jobs\WT1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 535
<b>Condition</b>	0	
Running Suite DWS.UTC_2117		
Running test DWS.UTC_2117_00 ...		Passed
Running test DWS.UTC_2117_01 ...		Passed
Running Suite DWS.UTC_2118		
Running test DWS.UTC_2118_00 ...		Passed
Running test DWS.UTC_2118_01 ...		Passed
Running test DWS.UTC_2118_02 ...		Passed
Running test DWS.UTC_2118_03 ...		Passed
Running test DWS.UTC_2118_04 ...		Passed
Running test DWS.UTC_2118_05 ...		Passed

Running Suite DWS.UTC_2119	
Running test DWS.UTC_2119_00 ...	Passed
Running test DWS.UTC_2119_01 ...	Passed
Running test DWS.UTC_2119_02 ...	Passed
Running test DWS.UTC_2119_03 ...	Passed
Running test DWS.UTC_2119_04 ...	Passed
Running test DWS.UTC_2119_05 ...	Passed
Running Suite DWS.UTC.211A	
Running test DWS.UTC_211A_00 ...	Failed
<b>File Name</b> C:\Users\dalee\Hudson\jobs\T1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 907
<b>Condition</b> 0	
Running Suite DWS.UTC.211B	
Running test DWS.UTC_211B_00 ...	Failed
<b>File Name</b> C:\Users\dalee\Hudson\jobs\T1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 956
<b>Condition</b> STtime.st_lap_min == 12	
Running test DWS.UTC_211B_00 ...	Failed
<b>File Name</b> C:\Users\dalee\Hudson\jobs\T1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 957
<b>Condition</b> STtime.st_lap_sec == 34	
Running test DWS.UTC_211B_00 ...	Failed
<b>File Name</b> C:\Users\dalee\Hudson\jobs\T1_v2_Testing\workspace\src\TestCode.c	<b>Line Number</b> 958
<b>Condition</b> STtime.st_lap_mil_sec == 56	
Running test DWS.UTC_211B_01 ...	Passed
Running Suite DWS.UTC_211C	
Running test DWS.UTC_211C_00 ...	Passed
Running Suite DWS.UTC_211D	
Running test DWS.UTC_211D_00 ...	Passed
Running Suite DWS.UTC_211E	
Running test DWS.UTC_211E_00 ...	Passed
Running Suite DWS.UTC_2200	
Running test DWS.UTC_2200_00 ...	Passed
Running Suite DWS.UTC_2300	
Running test DWS.UTC_2300_00 ...	Passed

Cumulative Summary for Run					
Type	Total	Run	Succeeded	Failed	Inactive
Suites	17	17	- NA -	0	0
Test Cases	55	55	31	24	0
Assertions	68	68	42	26	n/a

## 2.2 Evaluation

첫 번째 버전보다 SRA의 내용이 상세하며, 코드에 반영도 잘 되었다. 하지만 **State Transition diagram**을 코드로 구현할 때 반영되지 않아 테스트를 수행할 수 없었다.

SVN Server인 [https://203.252.164.101:8443/svn/default/T1\\_v2\\_testing/](https://203.252.164.101:8443/svn/default/T1_v2_testing/) 에서 Test Code를 확인할 수 있다.

ID: guest / PW: guest121