

Unit Test Report

for Coffee Machine System

- Test Cases Specification
- Test Summary Report

Project Team

2 Team

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Team Information

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1 Introduction

1.1 Objectives

본 문서는 <Coffee Machine>을 구현하기 위한 요구사항들을 명세한 문서이다. Coffee Machine은 사용자의 선택에 따라 원하는 커피를 추출해 준다

1.2 References

T2_2016_SRA_2.0

T2_2016_SDS_1.0

2 Unit test case specification

2.1 Test case specification identifier

Test case identifier	Input specification	Output Specification
T2_Coffeemachine_2.1.1_000	UC(user choice) Remain Machine status	trigger extract/clean/refill reject beep+display
T2_Coffeemachine_2.1.1_001	UC(extract) Remain(bean/dust) Machine status(leftover/is_running/power/concentration/he at)	Trigger extract Reject
T2_Coffeemachine_2.1.1_002	UC(Clean) Remain(water) Machine status(is_running/power)	Trigger clean Reject
T2_Coffeemachine_2.1.8_000	UC(user choice)+time(int*2)	UC+time(time.h)
T2_Coffeemachine_2.1.8_001	UC+time(time.h)	Sorted time based UC
T2_Coffeemachine_2.1.8_002	Sorted time based UC, Clock based time(tick)	UC
T2_Coffeemachine_2.1.7_000	UC(refill ingredient+amount)	Trigger(ingredient process)+amount Reject display

2.2 Test items

2.1 Test case specification identifier 참조

2.3 Input specifications

2.1 Test case specification identifier input 참조

2.4 Output specifications

2.1 Test case specification identifier output 참조

3 Environmental needs

Cygwin gcc vi

4 Unit test summary report

4.1 Test summary report identifier

Identifier	Result
T2_Coffeemachine_2.1.1_000	Passed
T2_Coffeemachine_2.1.1_001	Passed
T2_Coffeemachine_2.1.1_002	Passed
T2_Coffeemachine_2.1.8_000	Passed
T2_Coffeemachine_2.1.8_001	Passed
T2_Coffeemachine_2.1.8_002	Passed
T2_Coffeemachine_2.1.7_000	Passed

4.2 Evaluation

Total Case: 7

Passed: 7

Failed: 0