

Coffee Machine System

Team 6

Team Presentation 4 - System Test

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Unit Test

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Test Case Identifier	Input Specification	Output Specification
TEAM6_CM_001_001	Brew Button = on Powder = on	Trigger Extraction Brew Button = off
TEAM6_CM_001_002	Brew Button = on Powder = off	Trigger Grind Brew Button = off
TEAM6_CM_001_003	Brew Button = on Temp = hot	Trigger Heat Brew Button = off
TEAM6_CM_001_004	Concentration Button = on	Trigger Concentration Concentration Button = off
TEAM6_CM_001_005	Reservation Button = on	Trigger Reservation Reservation Button = off
TEAM6_CM_001_006	Clean Button = on Water > 500	Trigger Clean Clean Button = off
TEAM6_CM_001_007	Recharge Button = on	Trigger Recharge Recharge Button = off
TEAM6_CM_001_008	Water < Need Bean < Need, UsedPowder = on	Trigger Speaker
TEAM6_CM_003	void	Bean -10 Powder = on
TEAM6_CM_004	void	Print Message
TEAM6_CM_005	void	Water – Need Powder = off
TEAM6_CM_006	Concentration Value	Set Concentration
TEAM6_CM_007	void	Print Message
TEAM6_CM_008	Reservation Mode Reservation Time	Set Reservation Mode Set Reservation Time
TEAM6_CM_009	Recharge thing Recharge Quantity	Set thing Thing = thing + Quantity
TEAM6_CM_010	Water < Need Bean < Need, UsedPowder = on	Beep

Unit Test Result

Test Case Identifier	Result
TEAM6_CM_001_001	Passed
TEAM6_CM_001_002	Passed
TEAM6_CM_001_003	Passed
TEAM6_CM_001_004	Passed
TEAM6_CM_001_005	Passed
TEAM6_CM_001_006	Passed
TEAM6_CM_001_007	Passed
TEAM6_CM_001_008	Passed
TEAM6_CM_003	Passed
TEAM6_CM_004	Passed
TEAM6_CM_005	Passed
TEAM6_CM_006	Passed
TEAM6_CM_007	Passed
TEAM6_CM_008	Passed
TEAM6_CM_009	Passed
TEAM6_CM_010	Passed

System Test

- Specification
- Result

System Test Specification

Test Case Identifier	Input Specification	Output Specification
CM.STC.000	Run Coffee Machine	Start Coffee Machine
CM.STC.001	Brew Command	Well-Made Coffee
CM.STC.002	Temperature Set Command Concentration Set Command	Set Temperature Set Concentration
CM.STC.003	Reservation Command	Reserve Brew
CM.STC.004	Reservation Command	Reserve Clean
CM.STC.005	void	Display
CM.STC.006	Recharge Command	Recharge Water Recharge Bean
CM.STC.007	Clean Command	Clean
CM.STC.008	Quit Command	Exited
CM.STC.009	Brew Command Reserved Time	Brew First Reserved act Second
CM.STC.010	Brew Command Reserved Time	Brew First Reserved act Second
CM.STC.011	Any Input	void

System Test Result

Test Case Identifier	Result
CM.STC.000	Passed
CM.STC.001	Passed
CM.STC.002	Passed
CM.STC.003	Passed
CM.STC.004	Passed
CM.STC.005	Passed
CM.STC.006	Passed
CM.STC.007	Passed
CM.STC.008	Passed
CM.STC.009	Passed
CM.STC.010	Passed
CM.STC.011	Passed

Thank you