jUCMNav Report



http://softwareengineering.ca/jucmnav

UCM Scenario Groups documentation

- ScenarioGroup6:
 - 1. ScenarioDef7

Intentional Elements

- 1. Minimize consumption
- 2. Manage energy
- 3. Manage appliances
- 4. Wind turbines
- 5. Off heater
- 6. On heater
- 7. Off dish washer
- 8. On dish washer
- 9. Maximize energy production
- 10. Wind speed
- 11. Electricity price
- 12. Dish washer controller
- 13. Air conditioner controller

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- 14. Power controller
- 15. SmartHome
- 16. Light
- 17. Smart grid
- 18. Heater controller
- 19. Manage home
- 20. Solar panel
- 21. Provide services
- 22. Wi-Fi
- 23. Internet
- 24. Response time
- 25. Open windows
- 26. On air conditioner
- 27. Off air conditioner
- 28. Close windows
- 29. Water heater controller
- 30. On water heater
- 31. Off Water heater
- 32. Air ventilator controller
- 33. On air ventilator
- 34. Off air ventilator
- 35. Suitable weather
- 36. Maximize privacy
- 37. Maximize comfort
- 38. Smart appliances controller
- 39. Normalize inside temperature
- 40. Heating time
- 41. Heating water time
- 42. Cooling time
- 43. Remote cooling
- 44. Remote heating
- 45. Remote water heating
- 46. Full
- 47. Windows controller
- 48. Air conditioner schedule
- 49. Water heater schedule
- 50. Heater schedule
- 51. Heater switch
- 52. Water heater switch
- 53. Air conditioner switch
- 54. High temperature
- 55. Normalize

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- 56. Smoke detection
- 57. Operate related tasks
- 58. Refresh inside air
- 59. Low temperature
- 60. User permission
- 61. Air conditioner remote access
- 62. Water heater remote access
- 63. Heater remote access
- 64. Sensors
- 65. Motion sensors
- 66. Light sensors
- 67. Smoke detector
- 68. Smart security camera
- 69. Wind sensors
- 70. Smart thermostat
- 71. No suspicious behaviour detected
- 72. Monitor the environment
- 73. Set thermostat
- 74. Infrared sensor
- 75. Cyber attack detection
- 76. Maximize security
- 77. Temperature setting
- 78. Temperature remote access
- 79. Detect suspicious behaviour
- 80. Security sensor
- 81. Internet connection
- 82. Learning technique
- 83. Cooling habits
- 84. Heating habits
- 85. Fire
- 86. Enable water heater access
- 87. Enable air conditioner access
- 88. Enable heater access
- 89. Enable heater schedule
- 90. Enable air conditioner schedule
- 91. Enable water heater schedule
- 92. Enable temperature access

Actors

- 1. Inhabitant
- 2. SmartHomeSystem

Provided services

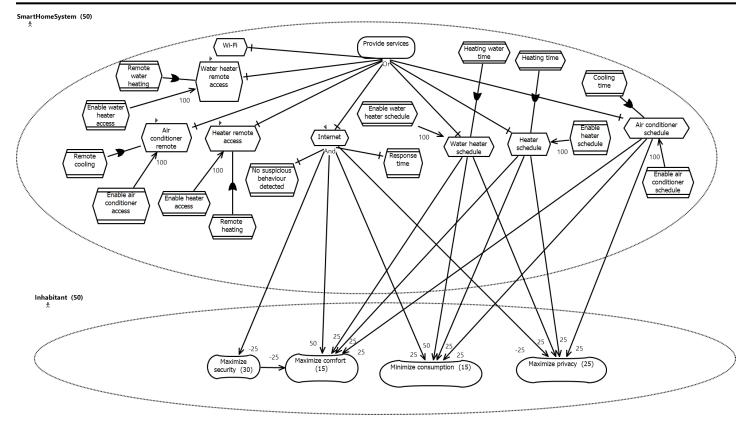


Figure 1 - Provided services

Intentional Elements

Response time

Metadata: "_addAggregate" = "disable"

Remote water heating

Metadata: "_addAggregate" = "disable"

Heating water time

Metadata: "_addAggregate" = "disable"

Remote cooling

Metadata: "_addAggregate" = "disable"

Cooling time

Metadata: "_addAggregate" = "disable"

Heating time

Metadata: "_addAggregate" = "disable"

Remote heating

Metadata: "_addAggregate" = "disable"

No suspicious behaviour detected

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Metadata: "_addAggregate" = "disable"

Enable water heater access

Metadata: "_addAggregate" = "disable"

Enable air conditioner access

Metadata: "_addAggregate" = "disable"

Enable heater access

Metadata: "_addAggregate" = "disable"

Enable heater schedule

Metadata: "_addAggregate" = "disable"

Enable air conditioner schedule

Metadata: "_addAggregate" = "disable"

Enable water heater schedule

Metadata: "_addAggregate" = "disable"

Intentional Element URN Links

Internet <== (Feature)Water heater remote access

Link Type: Include

Internet <== (Feature)Air conditioner remote access

Link Type: Include

Internet <== (Feature)Heater remote access

Link Type: Include

Internet <== (IntentionalElement)Temperature remote access

Link Type: Include

Air conditioner remote access ==> (IntentionalElement)Internet

Link Type: Include

Heater remote access ==> (IntentionalElement)Internet

Link Type: Include

Water heater remote access ==> (IntentionalElement)Internet

Link Type: Include

Scenario Documentation

Scenario Execution Summary

Group ScenarioGroup6 (ID:6)

Scenario	Result	Message(s)
ScenarioDef7 (ID:	FAILED	No start points defined! Nothing to execute!
7)		

Scenario Information

Group ScenarioGroup6 (ID: 6)

Scenario Scenario Def7 (ID: 7)