

jUCMNav Report



<http://softwareengineering.ca/jucmnav>

Title:	host
URN Model Name:	URNspec
Description:	
Author:	Ionut-PC
Creation Date:	June 24, 2016 04:03:26 PM EEST
Modification Date:	June 24, 2016 09:39:26 PM EEST
Report Generation Date:	June 24, 2016 09:49:11 PM EEST
Specification Version:	62

UCM Scenario Groups documentation

- ScenarioGroup6:

1. Restaurant Scenario

Variables

1. noTablesAvailable (boolean)
2. requestAnotherProduct (boolean)
3. cookHandleOrder (boolean)
4. tableStatus (integer)

Top Level

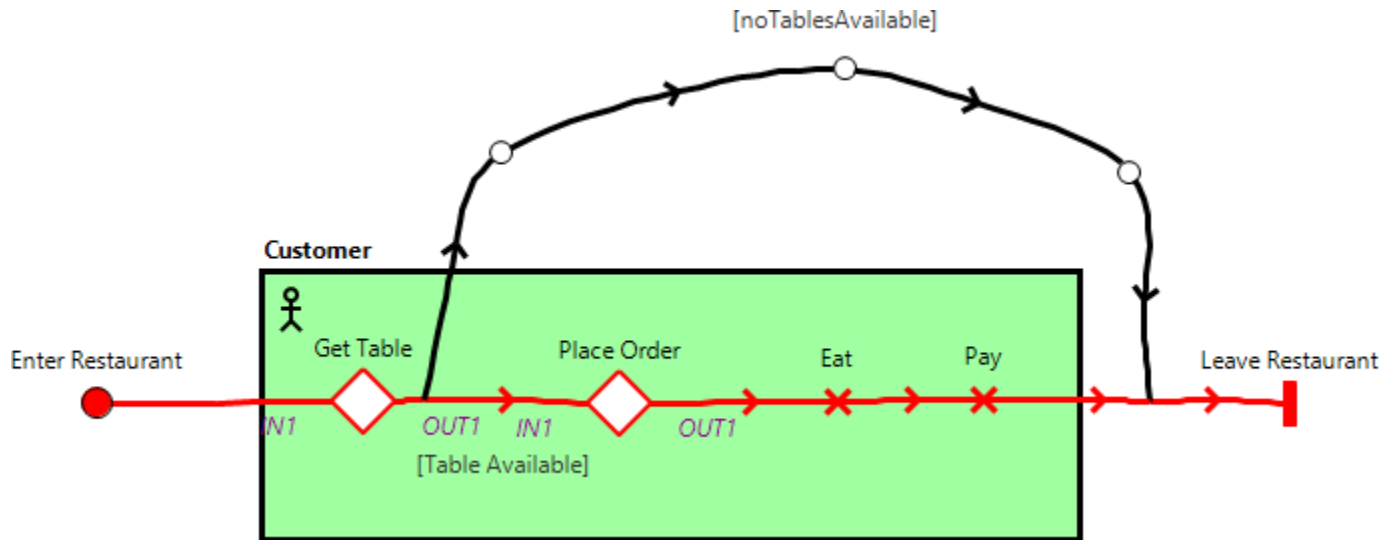


Figure 1 - Top Level

Responsibilities

Eat

Pay

Stubs

Static Stub - Get Table

Metadata: "_hits" = "2"

Plugin Map - Table Assign

Input Bindings:

IN 1 <-> Enter Restaurant

Output Bindings:

OUT 1 <-> Leave Restaurant

Precondition:

Expression: true

Transaction: false

Probability: 1.0

Static Stub - Place Order

Metadata: "_hits" = "2"

Plugin Map - Place Order

Input Bindings:

IN 1 <-> StartPoint1173

Output Bindings:

OUT 1 <-> Leave Restaurant

Precondition:

Expression: true

Transaction: false

Probability: 1.0

Or Fork Description

[Table Available] ==> !noTablesAvailable (probability: 1.0)

[noTablesAvailable] ==> noTablesAvailable (probability: 1.0)

Metadata: "_hits" = "2"

Start Point

Enter Restaurant

Metadata: "_hits" = "2"

End Points

Leave Restaurant

Metadata: "_hits" = "2"

Plugin Map - Assign Wait

Input Bindings:

IN 1 <-> Enter Restaurant

Output Bindings:

OUT 1 <-> Leave Restaurant

Precondition:

Expression: true

Transaction: false

Probability: 1.0

Start Point

Enter Restaurant

Metadata: "_hits" = "2"

End Points

Leave Restaurant

Metadata: "_hits" = "2"

Place Order

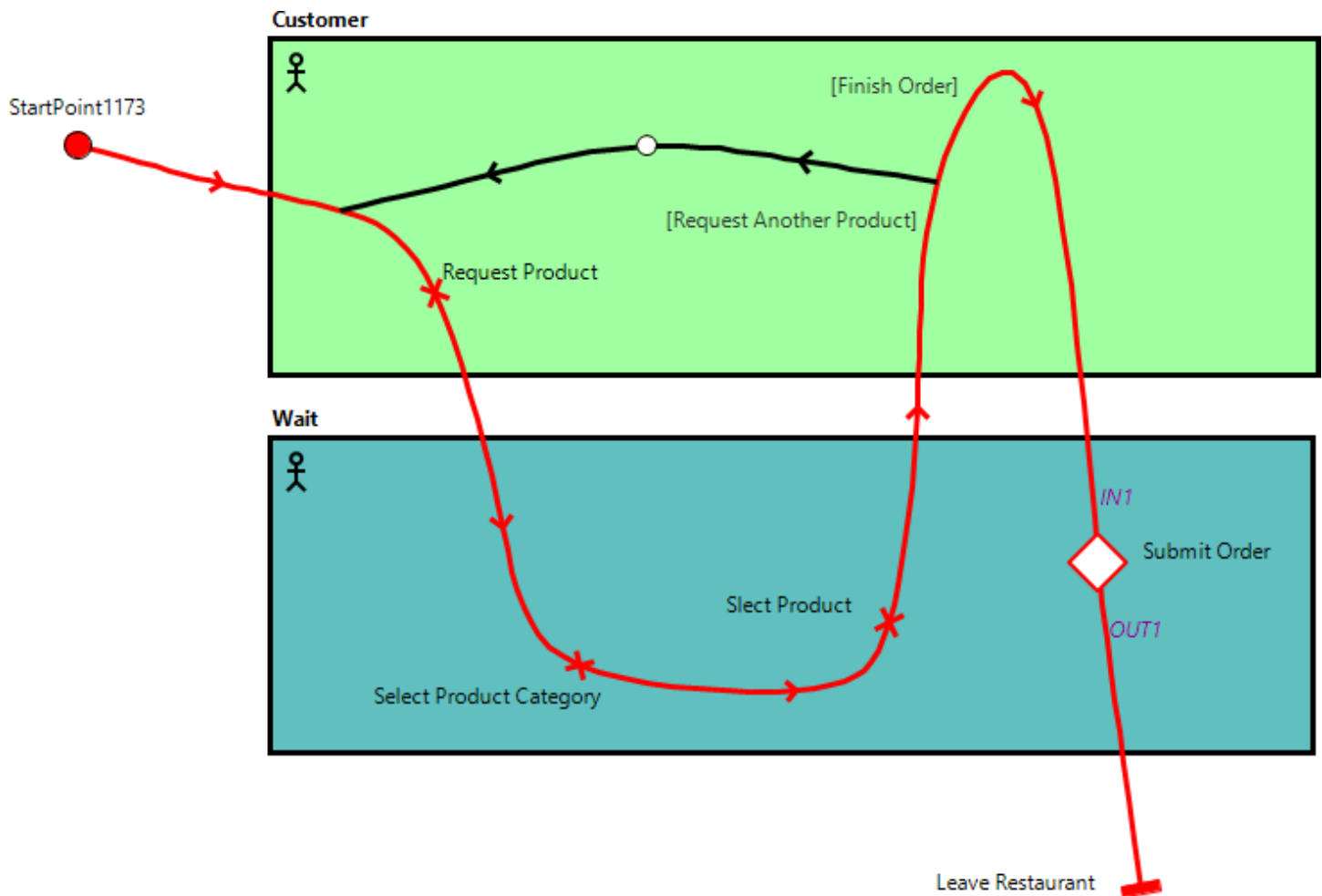


Figure 3 - Place Order

Responsibilities

Request Product

Select Product Category

Slect Product

Stubs

Static Stub - Submit Order

Metadata: "_hits" = "2"

Plugin Map - Submit Order

Input Bindings:

IN 1 <-> StartPoint2161

Output Bindings:

OUT 1 <-> Leave Restaurant

Precondition:

Expression: true

Transaction: false

Probability: 1.0

Or Fork Description

[Finish Order] ==> !requestAnotherProduct (probability: 1.0)

[Request Another Product] ==> RequestAnotherProduct (probability: 1.0)

Metadata: "_hits" = "2"

Start Point

StartPoint1173

Metadata: "_hits" = "2"

End Points

Leave Restaurant

Metadata: "_hits" = "2"

Submit Order

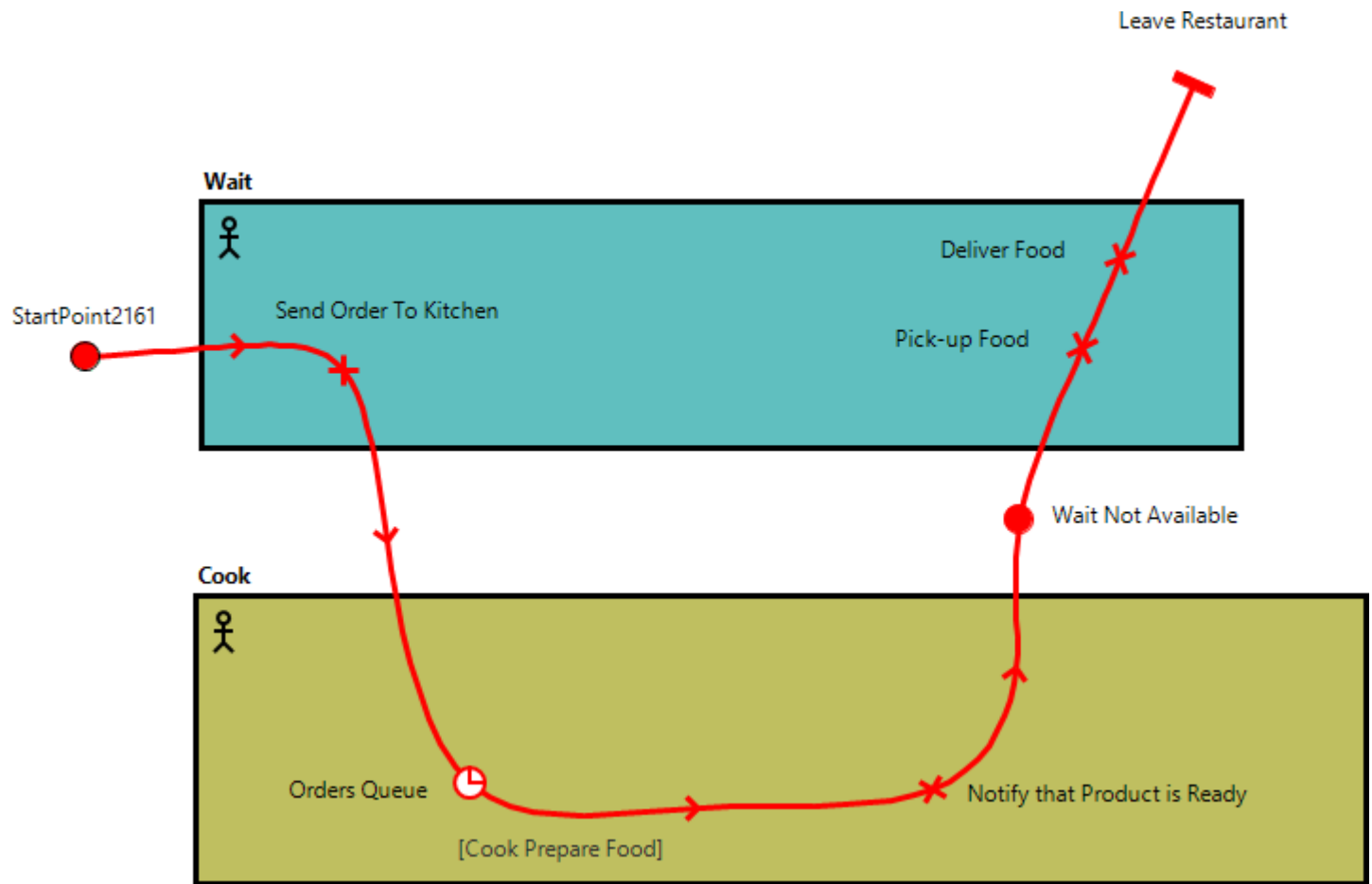


Figure 4 - Submit Order

Responsibilities

Send Order To Kitchen

Notify that Product is Ready

Pick-up Food

Deliver Food

Start Point

StartPoint2161

Metadata: "_hits" = "2"

End Points

Leave Restaurant

Metadata: "_hits" = "2"

Or Fork Description

[Yellow] ==> tableStatus = 1 (probability: 1.0)

[Red] ==> tableStatus = 2 (probability: 1.0)

[Green] ==> tableStatus = 0 (probability: 1.0)

Metadata: "_hits" = "2"

Start Point

Enter Restaurant

Metadata: "_hits" = "2"

End Points

Leave Restaurant

Metadata: "_hits" = "2"

GRLGraph2

Figure 6 - GRLGraph2

Scenario Documentation

Scenario Execution Summary

Group ScenarioGroup6 (ID:6)

Scenario	Result	Message(s)
Restaurant Scenario (ID: 7)	PASSED	

Scenario Information

Group ScenarioGroup6 (ID: 6)

Scenario Restaurant Scenario (ID: 7)

Scenario Start Point(s):

Enter Restaurant (ID: 936)

Enter Restaurant (ID: 936)

Initialization(s):

Variable Name	ID	Description	Type	Initial Value
noTablesAvailable	2000		boolean	false
requestAnotherProduct	2153		boolean	false
cookHandleOrder	2521		boolean	true
tableStatus	2729		integer	1