TaRGeT Software Product Line

Felype Santiago







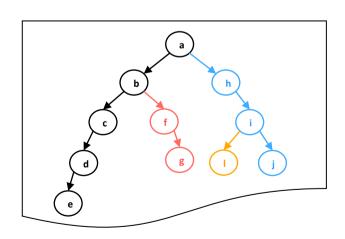


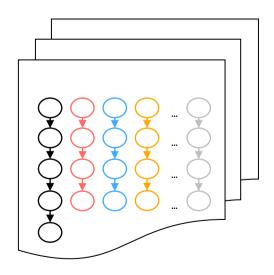
Test and Requirement Generation Tools



Use Case Specifications







Use Case Template

Feature 11111 - My Phonebook

UC 01 - Creating a New Contact

Description

This use case describes the creation of a new contact.

Main Flow

Description: Create a new contact

From Step: START
To Step: END

Step Id	User Action	System State	System Response
1M	Start My Phonebook application.	honebook application is	
2M	Select the New Contact option.		The New Contact form is displayed.
3M	Type the contact name and the phone number.		The new contact form is filled.
4M	Confirm the contact creation. [TRS_11111_101]	There is enough phone memory to insert a new contact.	A new contact is created in My Phonebook application.

Exception Flows

Description: There is no enough memory.

From Step: 3M
To Step: END

Step Id	User Action	System State	System Response	
1A	Confirm the contact creation.	There is no enough phone memory.	A dialog is displayed informing that there is no enough memory. [TRS_111166_103]	

Feature Id and Name

Main Flow

One or more Use Cases

Exception Flow

Use Case Template

Feature 11111 - My Phonebook

UC 01 - Creating a New Contact

Description

This use case describes the creation of a new contact.

Main Flow

Description: Create a new contact

From Step: START-To Step: END List of From and To steps

Step Id	User Action	System State	System Response
1M	Start My Phonebook application.	My Phonebook application is installed in the phone.	My Phonebook application menu is displayed.
2M	Select the New Contact option.		The New Contact form is displayed.
3М	Type the contact name and the phone number.		The new contact form is filled.
4M	Confirm the contact creation. [TRS_11111_101]	There is enough phone memory to insert a new contact.	A new contact is created in My Phonebook application.

A sequence of steps

Exception Flows

Description: There is no enough memory.

From Step: 3M To Step: END

St	cep [d	User Action	System State	System Response
1	lA	Confirm the contact creation.	There is no enough phone memory.	A dialog is displayed informing that there is no enough memory. [TRS_111166_103]

Related requirements

Test Case Document

Test Case ID: 11111_MM_Func_001

Regression Level: na Execution Type: Man Description: None. Objective: None.

Use Case References: 11111#UC_01 Requirements: TRS_11111_101

Setups: None.

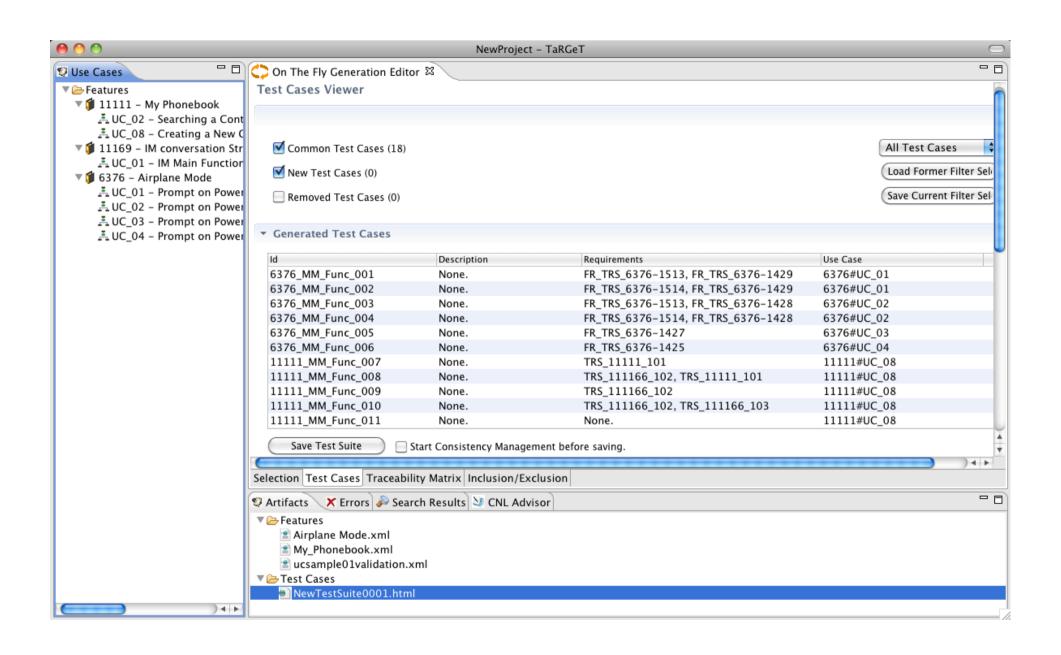
Initial Conditions: 1) My Phonebook application is installed in the phone. 2) There is enough phone memory to insert a new contact.

Steps	Expected Results
Start My Phonebook application.	My Phonebook application menu is displayed.
2) Select the New Contact option.	The New Contact form is displayed.
3) Type the contact name and the phone number.	The new contact form is filled.
Confirm the contact creation.	A new contact is created in My Phonebook application.

Final Conditions: None.

Cleanup: None.

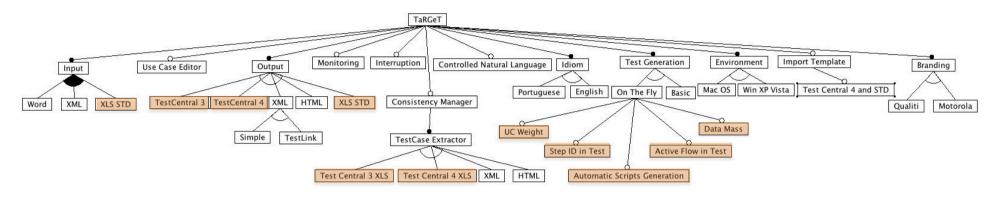
Notes: Under Development



Arquitetura

- Baseada em Eclipse RCP
- Responsabilidades divididas entre plug-ins
 - Core
 - Common
 - Project Manager
 - Test Case Generation
 - Plugins de variações de features...

TaRGeT SPL



- 42 features
- Features de granularidade fina e grossa
- 7 constraints
- 32194 linhas de código
- Evolução armazenada em SVN
 - 3 releases oficiais e 1 não oficial
 - 2 anos de implementação
 - Mais de 2000 commits
 - 9 tags e 19 branches

Configuration Knowledge

• Pure::variants

Hephaetus

Documentação

- Documento de requisitos único
- Licença MIT
- Guia do usuário
- Documento de casos de uso em MSVCM

Testes

- Funcionais
- Exploratórios
- Unitários

Input

Feature 11111 - My Phonebook

OBS.: The information presented here does not correspond to a real Motorola application. These use cases were only created in order to test the TaRGeT tool.

Use Cases

UC 01 - Creating a New Contact

Description

This use case describes the creation of a new contact in the contact

Setup:

Main Flow

Description: Create a new contact From Step: START To Step: END

Step Id	User Action	System
1M	Start My	My Phonebo
	Phonebook	applicatio
	application.	installed
		phone.
2M	Select the New	_
	Contact option.	
3M	Type the contact	
	name and the	
	phone number.	
4M	Confirm the	There is e
	contact creation.	memory to
	[TRS 11111 101]	new contac
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Verify that user is able to dismiss the incoming call. Verify that after demissing the call user is taken back to the same point as PUT was before the incoming call. PUT is paired with BT headset: User is navigating in URL already loaded (invisible Net URL), and receives an incoming call. User answers it, while the first call is still advise, PUT notices are all second incoming call. User also answers it. PUT is paired with BT headset: User is navigating in URL already loaded (invisible Net URL), and receives an incoming call. User also answers it. PUT calls a call second incoming call. User also answers it. Verify that user answers the first incoming call user is taken back to the same point as PUT was before the incoming call user is taken back to the same point as PUT was before the incoming calls user is taken back to the same point as PUT was before the incoming calls user is taken back to the same point as PUT was before the incoming calls user in taken back to the same point as PUT was before the incoming calls user in taken back to the same point as PUT was before the incoming calls user in taken back to the same point as PUT was before the incoming calls user in taken back to the same point as PUT was before the incoming calls user in taken back to the same point as PUT was before the incoming calls user in taken back to the same point. Put is commenced to the Charger and end the ten back in an advantage in the web page. Verify that call are after the incoming SMS message accessfully. Verify back LIVELI, and receives as RMS onofication. User disconnects PUT from Charge and reads the MS message accessfully. Verify back LIVELI, and receives as RMS onofication user is taken back to the same point. Put is connected to the USE calls user is an avegating in the Web page (Invisible Net URL) and receives as RMS indication user is taken back to be same. Verify that USE does not affect user to navigate in the web page. Verify that USE does not affect user to navigate in the web page.	1				
Verify that after demissing the call user is taken back to the same point as PUT was before the incoming call.	1				
ER 33379.01.100 Feature Interaction Tests before the incoming call.	1				
PUT is paired with BT headest. User is navigating in URL already leaded (hrinishle heat URL) and receives an incoming call. User answers it, while the first call is still active, PUT neceives a call second incoming call. User already leaded (hrinishle heat with the purple of the pu	_				
Not UFL), and receives an incoming call. User answers it, while the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active. PUT receives a call second incoming call user is leave that the web page. Werly that the PUT puts the first call or hold in order to answer the second one. Verify that she first call calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was been the put of t	3	[FR_33379_01_100]	Feature Interaction Tests	before the incoming call.	_
Not UFL), and receives an incoming call. User answers it, while the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active. PUT receives a call second incoming call user is leave that the web page. Werly that the PUT puts the first call or hold in order to answer the second one. Verify that she first call calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was been the put of t	1				
Not UFL), and receives an incoming call. User answers it, while the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active. PUT receives a call second incoming call user is leave that the web page. Werly that the PUT puts the first call or hold in order to answer the second one. Verify that she first call calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was been the put of t	1				
Not UFL), and receives an incoming call. User answers it, while the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active, PUT receives a call second incoming call. User also answers it. When the first call is still active. PUT receives a call second incoming call user is leave that the web page. Werly that the PUT puts the first call or hold in order to answer the second one. Verify that she first call calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was before the incoming calls. Put as connected to the charger calls user is taken back to the same point as PUT was been the put of t	-				
active, PLT receives a call second incoming call. User also answers it. Verify that BT headed does not affect user to navigate in the web page. Verify that BT headed too not affect user to navigate in the web page. Verify that the PLT publish first call on fool in color to answers the second one. Verify that the PLT publish first call on fool in color to answer the second one. PLT was before the incoming calls. Feature interaction Teets Featu	٦				
Verify that lear answers the first incoming call will be successfully Verify that user answers the first incoming call was IT headest successfully Verify that the PUT puts the first call on hold in order to answer the second one. Verify that all the instead in the call on hold in order to answer the second one. Verify that after instanting the calls user is taken back to the same point as PUT was before the incoming calls. Verify that after instanting the calls user is taken back to the same point as PUT was before the incoming calls. Verify that Charger and reades to the SMS mossage. Verify that Charger and reades the SMS message successfully. Verify that Charger and reades the EMS message successfully. Verify that Charger and reades the Incoming SMS message successfully. Verify that after and part to the same point. Put is connected to the charger. User is navigating the URL already baded (this like It Verify that after and and receives a SMS conficiation. User disconnects PUT from Verify that after and and receives a SMS conficiation. Verify that connected to the charger does not affect user to navigate in the web page. Verify that user areas the incoming SMS message sucressfully. Verify that after reading the SMS message user is taken back to the same point. Verify that user areas the incoming SMS message sucressfully. Verify that user areas the incoming SMS message sucressfully. Verify that user deminises the incoming SMS confidence in any disconnected the VSG connected to the USG calls user is navigating the SMS confidence on any disconnected the VSG calls. Verify that after reading the SMS message sucressfully. Verify that afte	1				
Verify that user answers the first incoming call via 8T headset successfully Verify that the PUT just the first call on fool in order to answer the second one. Verify that the PUT just the first call on fool in order to answer the second one. Verify that she put just the first call on fool in order to answer the second one. Verify that she put the first call on the call user is taken back to the same point as PUT was the controlled to the charger start calls to the same point as PUT was the controlled to the charger start calls an analysis the SUT manager and reads the SMR message. Verify that Charger does not affect user to navigate in the web page. Verify that class reads the incoming SMC message successfully. Put is connected to the charger User is navigate in the Web page. Verify that class reads the incoming SMC message successfully. Put is connected to the charger User is navigate in the USE and the USE of the USE o	1			active, PUT receives a call second incoming call. User also answers it.	
Verify that user answers the first incoming call via 8T headset successfully Verify that the PUT just the first call on fool in order to answer the second one. Verify that the PUT just the first call on fool in order to answer the second one. Verify that she put just the first call on fool in order to answer the second one. Verify that she put the first call on the call user is taken back to the same point as PUT was the controlled to the charger start calls to the same point as PUT was the controlled to the charger start calls an analysis the SUT manager and reads the SMR message. Verify that Charger does not affect user to navigate in the web page. Verify that class reads the incoming SMC message successfully. Put is connected to the charger User is navigate in the Web page. Verify that class reads the incoming SMC message successfully. Put is connected to the charger User is navigate in the USE and the USE of the USE o	1			Verify that BT headset does not affect user to navigate in the web page.	
Verify that the Fruit puts the first call on hold in order to answer the second one.	┙				
FR 3379 0.1.100 Feature Interaction Tests Verify that after finishing the calls user is taken back to the same point as PUT was better the incoming calls great plant of the charge calls greatly leaded of the charge and reads the BSR message successful.	1			Verify that the PLIT puts the first call on hold in order to answer the second one	
BPR_33379_01_100 Feature Interaction Tests Selfor the Incoming calls.	1				
PAL is connected to the charger User is navigating the URL airrandy loaded (Invisible Net URL) and receives a SIA sofficiation. User disconnects PUT from Charger and reads the SIAS message. Verify that Charger does not affect user to navigate in the web page. Verify that Loar does not affect user to navigate in the web page. Verify that user reads the incoming SIAS message successfully. Verify that after availing the SIAS message successfully. (Invisible Net URL) and receives a SIAS notification. User disconnects PUT from Charger and reads the SIAS message, user is taken back to the same point. Verify that user reads the incoming SIAS message successfully. Verify that Charger does not affect user to navigate in the web page. Verify that User reads the incoming SIAS message sucressfully. Verify that user reads the incoming SIAS message sucressfully. Verify that user demonster is navigating the Very page (Invisible Net URL) and receives an incoming IMS notification. User disconnects Net SIAS notification and cannocents the VSG calls. Verify that user demonstered the VSG calls. User a invalgating the Very page (Invisible Net URL) and receives an incoming IMS notification user is taken back to be some	J	IER 33379 01 1001	Feature Interaction Tests		1
(Invisible Net URL) and receives a SMS notification. User disconnects PUT from Charger and reads the SMS message. Verify that Charger does not affect user to navigate in the web page. Verify that Charger does not affect user to navigate in the web page. Verify that Charger does not affect user to navigate in the web page. Put is connected to the charger User is navigating the URL stready based (invisible Net URL) and receives a SMS confication. User disconnects PUT from Charger and reads the SMS message. User to navigate in the Web page. Fig. 33379_01_10] Feature interaction Teets Verify that Charger does not affect user to navigate in the web page. Verify that the URL part of the USE Carbot User is navigating the URL stready based of the URL part receives a SMS in the standard of the URL part receives a SMS in message user is staken back to the same point. Verify that USE does not affect user to navigate in the web page (Invisible Net URL) and receives an incoming MMS notification. User dismisses the MMS notification and disconnected the USE Carbot User is navigating the Was page. Verify that USE does not affect user to navigate in the web page. Verify that USE does not affect user to navigate in the web page.	1	[1 T_0007 5_01_100]	r outero interacción rests		_
Charger and reads the SMS missage. Verify that Charger does not affect user to navigate in the web page. Verify that Charger does not affect user to navigate in the web page. Verify that some reading the SMS missage successfully. Put is connected to the charger. User is navigating that URL already baded (invited het VEL), and receives a SMS conficience. Level disconnects Put from Verify that after reading the SMS missage user is taken back to the same point. Put is connected to the charger, User is navigating that URL already baded (invited het VEL), and receives a SMS conficience. Level disconnects Put from Verify that user reads the incoming SMS missage successfully. Verify that user reads the incoming SMS missage successfully. Verify that after reading the SMS missage user is taken back to the same point. Verify that user damas is navigating the Very page (Invited No. 1) (URL) and receives an incoming MMS notification user disconnects the VSG connected the VSG calls. Level has just the very by the safe disconnected the VSG calls. Level has just the very by page. Verify that after reading the SMS notification user is taken back to be same	1				ı
Verify that Charger does not affect user to navigate in the web page. Verify that user reads the incroming SMS message successful. Verify that dear reads the incroming SMS message user is taken back to the same point. Verify that dear reads the incroming SMS message user is taken back to the same point. Verify that after reading the SMS message user is taken back to the same point. Charger and reads the SMS message user is taken back to the same point. Fig. 33379.01.110] Feature Interaction Tests Feature Interaction Test	J				1
Feature Interaction Tests Verify that after reading the SIAS message successfully. Verify that after reading the SIAS message user is taken back to the same point. Put is connected to the charger; User is navigating the URL aiready loaded (firstble Net URL) and receives a SIAS conficiation. User is desconded by the SIAS message user is stand back to the same point. Put is connected to the charger; User is navigating the URL aiready loaded (firstble Net URL) and receives as IAS conficiation. User disconded to the URL and receives also for navigating the URL aiready loaded (firstble Net URL) and receives an on aiready in the web page. Verify that after reading the SIAS message successfully. Verify that after reading the SIAS message user is taken back to the same point. Verify that after reading the SIAS message user is taken back to the same point. Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading the SIAS message user is taken back to the same Verify that after reading th	1				ı
FR 33379 01 110 Feature Interaction Tests	1				ı
Put is connected to the charger; User is navigating the URL already loaded (Invisible Net URL) and receives a SIM conflictation. Let end is connected for the URL and receives a SIM conflictation. Let end connected FUT from Charger and reads the SIMS message. IFR 33379_01_110] Feature interaction Tests Verify that Charger does not affect user to navigation in the web page. Verify that after reading the SIMS message user is staken back to the same point. Put is connected to the URL band receives an incoming MMS notification. User dismisses the MMS notification and disconnected the USE does not select user to marginal in the web page. (Invisible Net URL) and receives an incoming MMS notification user of staken back to the same verify that USE does not affect user to marginal in the web page.	1				1
(Invisible Net URL) and receives a SMS notification. User disconnects PUT from Charger and reads the SMS message. Verify that Charger does not affect user for navigate in the web page. Verify that User reads the incoming SMS message successfully. Verify that after reading the SMS message user is staken back to the same point. Verify that after reading the SMS message user is staken back to the same point. PURL) and receives an incoming MMS notification. User dismisses the MMS. Verify that USE does not affect user to inveigate in the web page. Verify that USE does not affect user to inveigate in the web page. Verify that user dismisses the incoming MMS notification successfully. Verify that after dismissing the MMS notification user is taken back to be same	1	[FR_33379_01_110]	Feature Interaction Tests		_
Charger and reads the SMS mossage. Verify that Charger does not affect user to navigate in the web page. Verify that Charger does not affect user to navigate in the web page. Verify that user reads the incoming SMS message auccessfully. Feature Interaction Tests Feature Interaction Tes	1				ı
Verify that Charger does not affect user to navigate in the web page. Verify that user reads the inchming MSM message successful message in the service of the same point. Verify that user and the USE dails; user a navigating the Web page (Invisible Net URL) and receives an incoming MMS notification, user discenses the MMS notification and decommend MMS notification user discenses the MMS notification and decommend the USE dails; user dails in the very page (Invisible Net URL) and receives an incoming MMS notification user discenses the Net Net Net Net Net Net Net Net Net Ne	1				1
FR_33379_01_10 Feature Interaction Tests	1				ı
IPR 33379_01_110] Feature Interaction Tests Verify that after reading the SIMS message user is taken back to the same point. Put is connected to the USB cability Lies in any lating the page (Invisible Net URL) and receives an incoming IMMS notification, user disconnected the USB cability Lies of its individual to any other connected the USB cability Lies of the page. (Invisible Net URL) and receives an incoming IMMS notification user is taken to page. Verify that user demissing the MMS notification user is taken back to the same	1				ı
Put is connected to the USB cable: User is navigating the Web page (invisible Net URL) and receives an incoming MMS conflication. User dismisses the MMS notification and disconnected the USB cable, Verify that USB does not affect user to navigate in the web page. Verify that user dismisses the incoming MMS notification successfully, Verify that after dismissing the MMS notification user is taken back to the same	1				1
Put is connected to the USB cable: User is navigating the Web page (invisible Net URL) and receives an incoming MMS conflication. User dismisses the MMS notification and disconnected the USB cable, Verify that USB does not affect user to navigate in the web page. Verify that user dismisses the incoming MMS notification successfully, Verify that after dismissing the MMS notification user is taken back to the same	1	IFR 33379 01 1101	Feature Interaction Tests	Verify that after reading the SMS message user is taken back to the same point.	1
URL) and receives an incoming MMS notification. User dismisses the MMS notification and disconnected the USE does not select the USE does not affect user to navigate in the web page. Verify that USE does not affect user to navigate in the web page and the user to the user to navigate in the web page. We have the demand the user to navigate the user to	1			Put is connected to the USB cable: User is navigating the Web page (Invisible Net	
notification and disconnected the USE cable. Verify that USE does not affect user to navigate in the web page. Verify that user dismisses the incoming MMS notification successfully. Verify that after dismissing the MMS notification successfully.	1				ı
Verify that USB does not affect user to navigate in the web page. Verify that user dismisses the incoming MMS notification successfully. Verify that after dismissing the MMS notification user is taken back to the same	J				ı
Verify that user dismisses the incoming MMS notification successfully. Verify that after dismissing the MMS notification user is taken back to the same	J				ı
Verify that after dismissing the MMS notification user is taken back to the same	ı				ı
	ı				ı
[FR_333/9_01_120] Feature Interaction Tests point.	ı		L		ı
	ı	[FK_33379_01_120]	Feature Interaction Tests	point.	_

<phone> - <feature> <featureId>11111</featureId> <name>My Phonebook</name> - <useCase> <id>UC 08</id> <name>Creating a New Contact</name> - <description> This use bla bla bla the creation of a new contact in the contact list. </description> <setup/> <description>Create a new contact</description> <fromSteps>START</fromSteps> <toSteps>END</toSteps> <step> <stepId>1M</stepId> <action>Start My Phonebook application.</action> - <condition> My Phonebook application is installed in the phone. <response>My Phonebook application menu is displayed. </response> </step> <step> <stepId>2M</stepId> <action>Select the New Contact option.</action> <response>The New Contact form is displayed.</response> </step> <step>

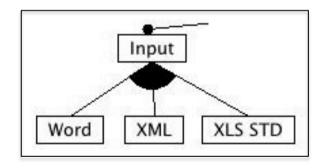
Objective: To verify that PUT behaves as expected when Invisible Net is launched and user reads an incoming SMS.

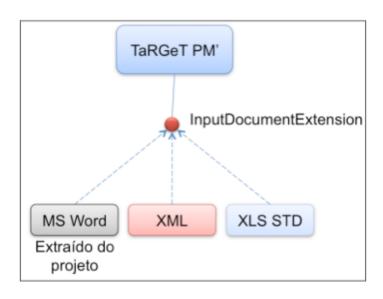
Objective: To verify that PUT behaves a expected when Invisible Net is launche and user dismisses an incoming SMS notification.

Objective: To verify that PUT behaves as expected when Invisible Net is launched and user dismisses an incoming MMS

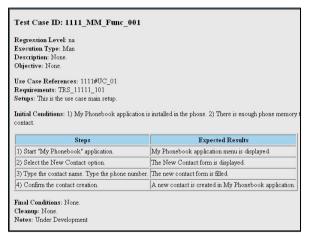
Input

• Implementação com Extension Points





Formato de Saída



```
<id>1</id>
- «stens»
      cstepp cystemState>My Phonebook application is installed in the phone.
/systemState act "My Phonebook" application.
/action>Start "My Phonebook" application.
/response>The application is not launched as the application is expired
/response>The application is not launched as the application is expired
          <featureId>1111</featureId>
          <useCaseId>UC_01</useCaseId>
<stepId>1M</stepId>
</step>
+ <step> </steps>
  <executionType>Man</executionType>
 <regressionLevel>na</regressionLevel>
<description>None.</description>
 <objective>None.</objective>
<requirements>TRS_11111_101</requirements>
  <useCaseReferences>1111#UC_01</useCaseReferences>
 <setups>This is the use case main setup.
<initialConditions>1) My Phonebook application is installed in the phone. 2) There is
  <note>Test case auto-generated by TaRGeT system.</note>
  <finalConditions>None.</finalConditions>
 <cleanup>None.</cleanup>
 <status>Under Development
<status>Under Development
<status>
<tcIdHeader>1111_MM_Func_001</tcIdHeader>
<featureId>1111
<featureId>1111
```

ResearchTeam-2976:1111_MM_Func_001: None.									
Edit Delete Move / Copy Create a new ver	rsion Deactivate this version Add to Test Plans Export								
Version 1									
Created on 01/12/2009 17:25:31 by admin									
Summary									
Test Case ID: 1111_MM_Func_001									
Regression Level: na Execution Type: Man									
Descritorion: None.									
Objective: None.									
lke Case References: 1111#IC D1									
Use Case References: 1111#UC_01									
Use Case References: 1111#UC_01 Requirements: TRS_11111_101									
Requirements: TRS_11111_101 Setups: This is the use case main setup.									
Requirements: TRS_11111_101 Setups: This is the use case main setup. Initial Conditions: 1) My Phonebook application is installed	in the phone. 2) There is enough phone memory to insert a new contact								
Requirements: TRS_11111_101 Setups: This is the use case main setup. Initial Conditions: 1) My Phonebook application is installed Note: Test case auto-generated by TaRGeT system.	in the phone. 2) There is enough phone memory to insert a new contact								
Requirements: TRS_11111_101 Setups: This is the use case main setup. Initial Conditions: 1) My Phonebook application is installed Note: Test case auto-generated by TaRGeT system. Final Conditions: None.	in the phone. 2) There is enough phone memory to insert a new contact								
Requirements: TRS_11111_101 Setups: This is the use case main setup. Initial Conditions: 1) My Phonebook application is installed Note: Test case auto-generated by TaRGeT system.	in the phone. 2) There is enough phone memory to insert a new contact								
Requirements: TRS_11111_101 Setups: This is the use case main setup. Initial Conditions: 1) May Phonebook application is installed Note: Test case auto-generated by TaRGeT system. Final Conditions: None.	in the phone. 2) There is enough phone memory to insert a new contact Expected Results								
Requirements: TR5_1111_,101 Setups: This is the use case main setup. Initial Conditions: 1) My Phonebook application is installed Note: Text case autoe_onerated by TaRGeT system. Final Conditions: None. Cleanup: None.									
Requirements: TRS_11111_01 Setup: This it has case anal restup. Initial Conditions: 1) My Phonebook application is installed lotes: Fort case autogenerated by TaRGET system. Thera Conditions: None. Cleanup: None. Steps	Expected Results								
Require anents: TRS_11111_01 Steps: This it has one can anisatup. Initial Conditions: 1) My Phonebook application is installed Note: Test care auto-generated by TaRGeT system. Cleamup: None. Steps 1 Start "My Phonebook" application.	Expected Results My Phonebook application menu is displayed.								

Case Reg. Exe. Level Type			Case Description	Procedure	Expected Results
1	na	Man	TC_1	Create a new contact.	
			Use Cases:	11111#UC_01	
			Requirements:	TRS_11111_101	
			Setup:		
			Initial Conditions:	My Phonebook application is installed in the phone. There is enough phone memory to insert a new contact.	
			Notes:	Test case auto-generated by TaRGeT system.	
			Test Procedure (Step Number):		
			1	Start My Phonebook application.	My Phonebook application menu is displayed.
			2	Select the New Contact option.	The New Contact form is displayed.
			3	Type the contact name and the phone number.	The new contact form is filled.
			4	Confirm the contact creation.	A new contact is created in My Phonebook application.
			Final Conditions:		
			Cleanup:		

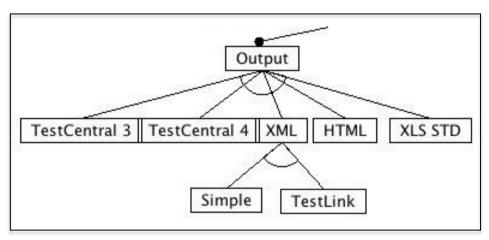
lest Case Hame	Status	Regression Level	Execution Method	Case Description	Step Description	Procedure	Expected Results	Traceability
33379_MM_Func_001	Under Development	3	Man	None.	None.	OBJECTIVE_PREFIX: Objective: To		
	35					verify that PUT supports Multiple		
						Invisible Net and it can be selected from		
						Main Menu		
					Initial PUT Conditions:	None.		
					Setup information:	None.		
					Test Content Location:	None.		
					Important Notes:	None.		
					Use Case:	panels. User selects any of one of the invisible Net icons.	Verify that FUT supports multiple trivisible Nets in the Main Menu and each trivisible Nets in the Main Menu and each trivisible Net has \$1 unique ion and prompt. Verify that Browser is faunched in a prodefined URL, determined by the trivisible Net. Verify that BUT works as expected, there are no parious, freezes, black/white screens and any phone behavior that leads the test engineer to believe there is a croduct direct.	
					Final Condition:	None.		
					Cleanup:	None.		

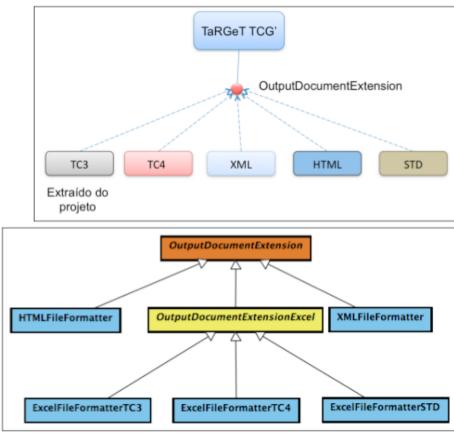
Test Case Hame	Status	Regression Level	Execution Method	Case Description	Step Description	Expected Results
1111_MM_Func_001	Under Development	na	Man	None.	None.	
				Use Cases:	1111#UC_01	
				Requirements:	TRS_11111_101	
				Setup:	This is the use case main setup.	
				Initial Conditions:	My Phonebook application is installed in the phone. 2) There is enough phone memory to insert a new contact.	
				Notes:	Test case auto-generated by TaRGeT system.	
				Test Procedure (Step Number):		
				1	Start "My Phonebook" application.	The application is not launched as the application is expired
7				2	Select the New Contact option.	The New Contact form is displayed.
				3	Type the contact name. Type the phone number.	The new contact form is filled.
				4	Confirm the contact creation.	A new contact is created in My Phonebook application.
				Final Conditions:	None.	
				Cleanup:	None.	

TaRGeT Output

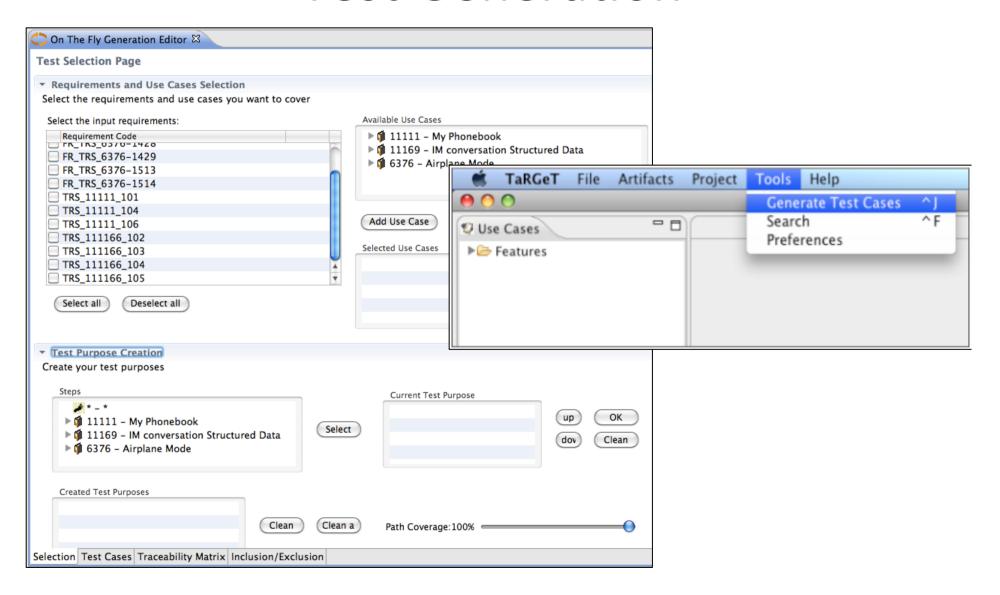
Implementação com Extension Points do Eclipse,
 Herança (TC3, TC4 e STD), Aspectos e Transformação

XSLT (XML)



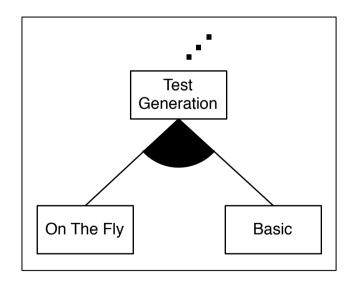


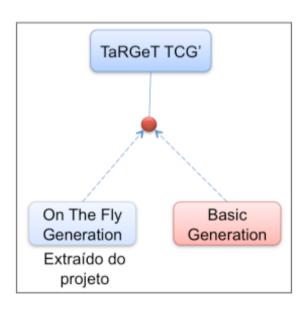
Test Generation



Test Generation

• Implementação com Extension Points





Consistency Management

Old Use Case Document

UC 01

Exception flow 1

UC 02

Exception flow 1

Exception flow 2



TestCase 01

TestCase 02

TestCase 03

TestCase 04

TestCase 05

New Use Case Document

UC 01

Exception flow 1

Exception flow 2

UC 02

Exception flow 1

Exception flow 2

New Test Case Document



TestCase 02

TestCase 03

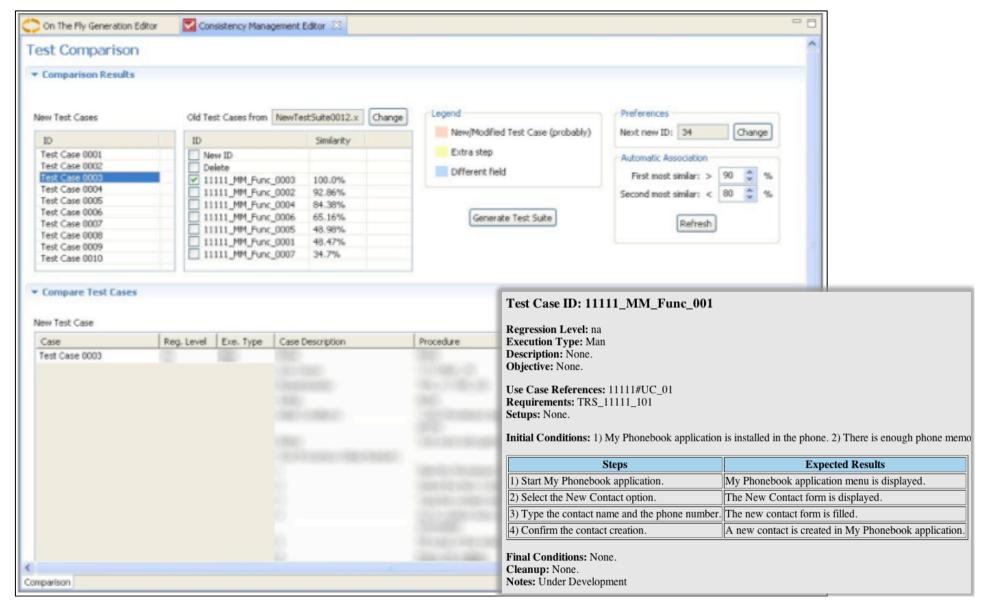
TestCase 04

TestCase 05

TestCase 06

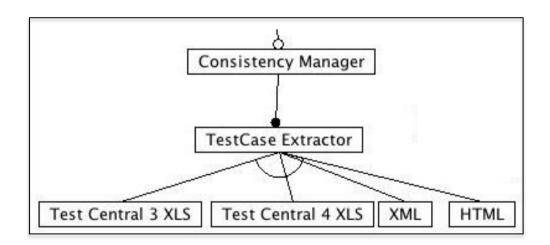


Consistency Management



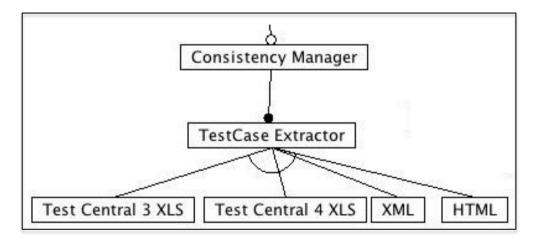
TaRGeT Consistency Management

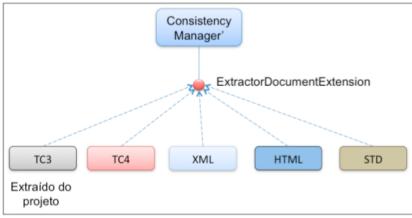
Implementação com Aspectos



TaRGeT Test Suite Extractor

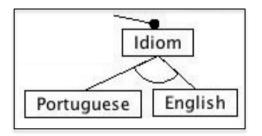
 Implementação com Extension Points do Eclipse



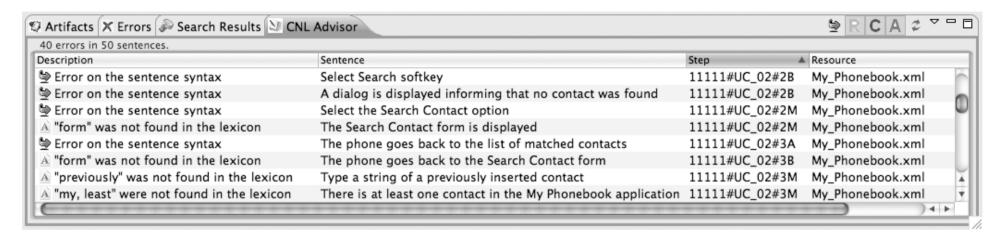


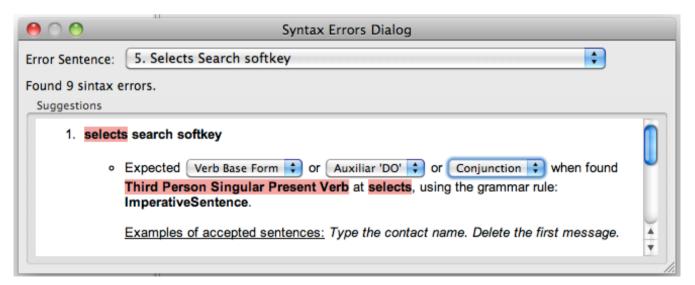
TaRGeT Internationalization Support

Textos da GUI armazenados em arquivos de propriedades

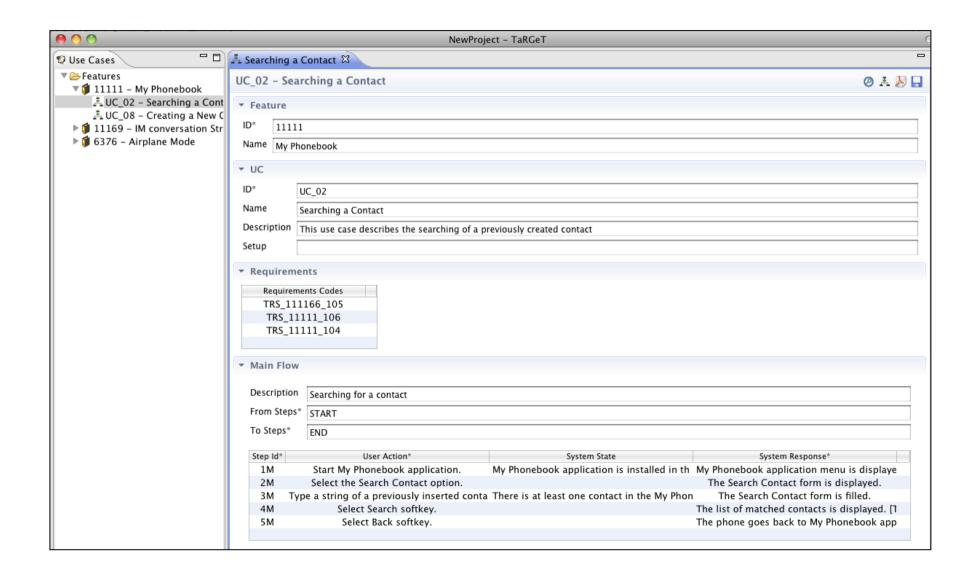


TaRGeT CNL



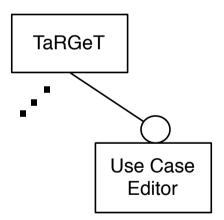


Use Case Editor



Use Case Editor

- Implementação com Aspectos
- Feature Interaction

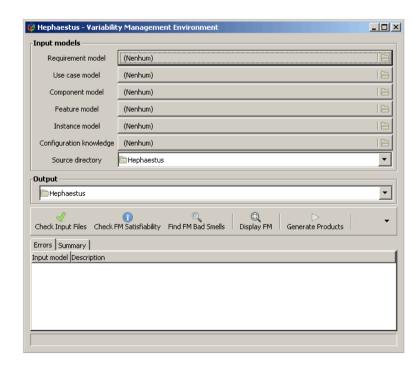


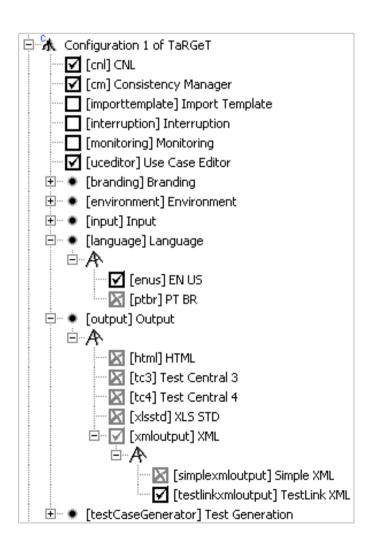
Releases

- [Release 1 | Version 4.00]
 - On The Fly Generation
- [Release 2 | Version 5.00]
 - Consistency Management; SPL
- [Release 3 | Version 6.00]
 - CNL, UseCaseEditor, DOC, XLS, HTML, XML, XML
 TestLink

Geração de Produtos

- Feature Model Plugin
- Hephaestus
- Eclipse RCP





Download e Mais Informações

- TWIKI
 - http://www.cin.ufpe.br/~target

TaRGeT Software Product Line

Felype Santiago







