

# **GCI'16 Documentation**

Manfredi Vincenzo N86001233	Pollastro Andrea N86001233
Santangelo Andrea N86001233	Scalella Andrea N86001233

A.A. 2016/17

# Contents

<b>1</b>	<b>Testing document</b>	<b>3</b>
1.1	System Testing . . . . .	3
1.1.1	Performs login test . . . . .	3
1.1.2	Researches contract test . . . . .	4
1.1.3	Alters contract test . . . . .	6
1.1.4	Deletes contract test . . . . .	7
1.1.5	Adds contract test . . . . .	8
1.1.6	Reports errors in bills test . . . . .	9
1.1.7	Deletes injunctions test . . . . .	10
1.1.8	Confirms bill test . . . . .	11
1.1.9	Resends bill test . . . . .	12
1.1.10	Confirms injunctions test . . . . .	13
1.1.11	Resends injunctions test . . . . .	14

# 1 Testing document

## 1.1 System Testing

### 1.1.1 Performs login test

<b>Test ID</b>	1
<b>Test name</b>	Performs login
<b>Test goal</b>	The goal is to let the operator log into the system inserting the right credentials
<b>Note</b>	In this case we consider these credentials: <i>"User1", "Psw1": right credentials (stored into the DBMS), "User2", "Psw2": wrong credentials (non-stored into the DBMS)</i>

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator fills the form with credentials: <i>"User1", "Psw1"</i>	System shows the "Registry Management" view	System shows the "Registry Management" view
The operator fills the form with credentials: <i>"User1", "Psw2"</i>	System shows the error's popup with message "Invalid ID and/or Password!"	System shows the error's popup with message "Invalid ID and/or Password!"
The operator fills the form with credentials: <i>"User2", "Psw1"</i>	System shows the error's popup with message "Invalid ID and/or Password!"	System shows the error's popup with message "Invalid ID and/or Password!"
The operator fills the form with credentials: <i>"User2", "Psw2"</i>	System shows the error's popup with message "Invalid ID and/or Password!"	System shows the error's popup with message "Invalid ID and/or Password!"

### 1.1.2 Researches contract test

<b>Test ID</b>	2
<b>Test name</b>	Researches contract
<b>Test goal</b>	The goal is to let the operator research contracts using forms
<b>Note</b>	In this case we consider these credentials: <i>"Name1", "Surname1", "ContractID1", "TaxC/VAT1": right credentials (stored into the DBMS), "Name2", "Surname2", "ContractID2", "TaxC/VAT2": wrong credentials (non-stored into the DBMS)</i>

Input	Desired Output	Obtained Output
The operator fills the form with credentials: <i>"Name1"</i> , <i>"Surname1"</i> , <i>"ContractID1"</i> , <i>"TaxC/VAT1"</i>	System shows the results into the table	System shows the results into the table
The operator fills the form with credentials: <i>"Name2"</i>	System shows the error's popup with message "No result found"	System shows the error's popup with message "No result found"
The operator fills the form with credentials: <i>"Surname2"</i>	System shows the error's popup with message "No result found"	System shows the error's popup with message "No result found"
The operator fills the form with credentials: <i>"ContractID2"</i>	System shows the error's popup with message "No result found"	System shows the error's popup with message "No result found"
The operator fills the form with credentials: <i>"TaxC/VAT2"</i>	System shows the error's popup with message "No result found"	System shows the error's popup with message "No result found"

### 1.1.3 Alters contract test

<b>Test ID</b>	3
<b>Test name</b>	Alters contract
<b>Test goal</b>	The goal is to let the operator alter a contract selected from the table
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator fills the form with new credentials	System shows a popup with message "Contract altered"	System shows a popup with message "Contract altered"

#### 1.1.4 Deletes contract test

<b>Test ID</b>	4
<b>Test name</b>	Deletes contract
<b>Test goal</b>	The goal is to let the operator delete contracts selected from the table
<b>Note</b>	We consider three cases: " <i>Contract1</i> ": <i>this contract can be removed</i> ; " <i>Contract2</i> ": <i>this contract can't be removed because it has some pendant bills</i> ; " <i>Contract3</i> ": <i>this contract can't be removed because is already closed</i> .

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator selected the " <i>Contract1</i> "	System shows a popup with message "Contract removed"	System shows a popup with message "Contract removed"
The operator selected the " <i>Contract2</i> "	System shows the error's popup with a message that explains the reason why it can't be closed	System shows the error's popup with a message that explains the reason why it can't be closed
The operator selected the " <i>Contract3</i> "	System shows the error's popup with a message that explains the reason why it can't be closed	System shows the error's popup with a message that explains the reason why it can't be closed

#### 1.1.5 Adds contract test

<b>Test ID</b>	5
<b>Test name</b>	Adds contract
<b>Test goal</b>	The goal is to let the operator add new contracts
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator fills all forms interested for the contract's adding	System shows a popup with message "New contract added"	System shows a popup with message "New contract added"
The operator fills a form with invalid characters	System shows the error's popup with a message that explains the reason why it can't continue the operation	System shows the error's popup with a message that explains the reason why it can't continue the operation



#### 1.1.6 Reports errors in bills test

<b>Test ID</b>	6
<b>Test name</b>	Reports errors in bills
<b>Test goal</b>	The goal is to let the operator reports errors in bills
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator fill the form with the errors	System shows a popup with message "Operation successfully completed"	System shows a popup with message "Operation successfully completed"

#### 1.1.7 Deletes injunctions test

<b>Test ID</b>	7
<b>Test name</b>	Deletes injunctions
<b>Test goal</b>	The goal is to let the operator delete injunctions
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>

#### 1.1.8 Confirms bill test

<b>Test ID</b>	8
<b>Test name</b>	Confirms bill
<b>Test goal</b>	The goal is to let the operator confirm a selected bill
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator selects a bill from the bill's table and presses "Confirm" button	System shows the bill's preview (PDF)	System shows the bill's preview (PDF)

#### 1.1.9 Resends bill test

<b>Test ID</b>	9
<b>Test name</b>	Resends bill
<b>Test goal</b>	The goal is to let the operator resend a selected bill
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator selects a bill from the bill's table and presses "Confirm" button	System shows the bill's preview (PDF)	System shows the bill's preview (PDF)

#### 1.1.10 Confirms injunctions test

<b>Test ID</b>	10
<b>Test name</b>	Confirms injunctions
<b>Test goal</b>	The goal is to let the operator confirm an injunction
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator selects an injunction from the injunction's table and presses "Confirm" button	System shows the bill's pre-view (PDF)	System shows the bill's pre-view (PDF)

#### 1.1.11 Resends injunctions test

<b>Test ID</b>	11
<b>Test name</b>	Confirms injunctions
<b>Test goal</b>	The goal is to let the operator resends an injunction
<b>Note</b>	

<b>Input</b>	<b>Desired Output</b>	<b>Obtained Output</b>
The operator selects an injunction from the injunction's table and presses "Confirm" button	System shows the bill's pre-view (PDF)	System shows the bill's pre-view (PDF)