



Universidade do Porto
Faculdade de Engenharia

FEUP

Sales Force Automation

Deliverable 2: Interoperability

Information Systems

4th year of the Master in Informatics and Computing Engineering

Group elements:

Luís Fernando Araújo da Silva Vilar Barbosa – 201405729 – up201405729@fe.up.pt

Manuel José Pereira Curral – 201202445 – up201202445@fe.up.pt

Rui Vasco Oliveira Paiva – 201405136 – up201405136@fe.up.pt

Tiago Alexandre de Sousa Dias da Silva – 201404689 – up201404689@fe.up.pt

Project ID: P4 - Sales Force Automation

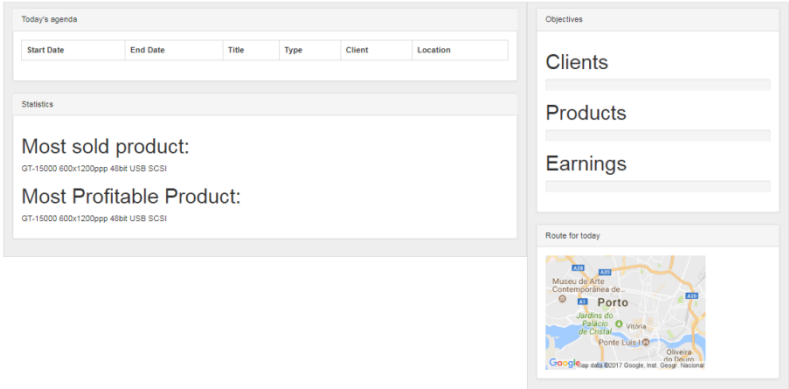
Group ID: S

Class: 3

November 19, 2017

Information Architecture

CV01 – Dashboard

		User Goals: <ul style="list-style-type: none">Representative's dashboard, so the user can analyze products and statistical information, and also consult his daily agenda and preferred route.	Business Goals: <ul style="list-style-type: none">Being able to analyze the principal data for a given day and product is key in choosing the next profitable step.
Inward paths: <ul style="list-style-type: none">Dashboard button.Login.	<div>Dashboard</div> 		Outward paths: <ul style="list-style-type: none">Route in Google Maps.Client links in agenda.Product's statistics.Agenda.
		Elements of this core: <ul style="list-style-type: none">Daily agenda information.Objective's list.Statistics list.Route map.	

CV02 – Agenda

User Goals:

- Representative's agenda which displays detailed information about the chosen day's work order.

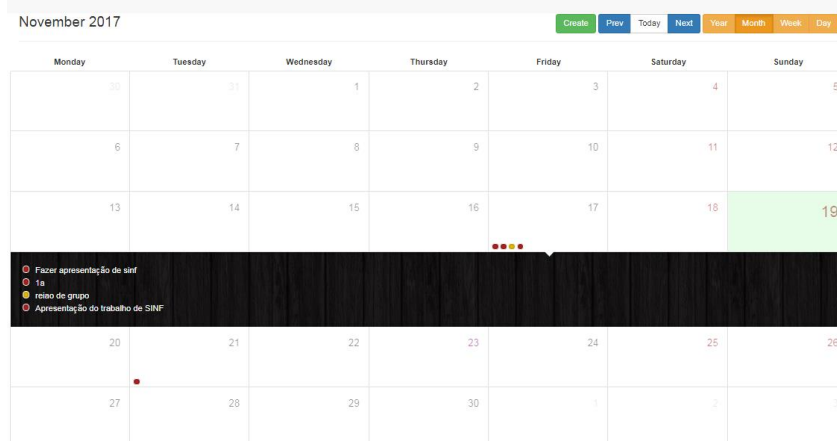
Business Goals:

- Being able to plan ahead, setup meetings and organize long-term commitments is fundamental in every business management.

Inward paths:

- Agenda button.

November 2017



Outward paths:

- Add a commitment to a chosen day.
- Activities agenda.
- Meetings links and notes.
- Calendar interactivity.

Elements of this core:

- Monthly agenda.
- Daily task list.

CV03 - Target customers

User Goals:

- Target customer's listing and general information.

Business Goals:

- Indexing customers provides easy access to its information's, which makes it easier to set up business meetings.

Inward paths:

- Target customer's button.

Target Customers

Search <input type="text"/>			
Name	Date/Hour	Location	Cell Number
Sofrio, Lda	2017-11-17 3:43		200267890
Sofrio, Lda	2017-11-17 16:30	feup 302	200267890
Sofrio, Lda	2017-11-21 1:0	feup	200267890
Sofrio, Lda	2017-11-17 0:0	PORTO	200267890
Sofrio, Lda	2017-11-17 1:35		200267890

Outward paths:

- Search for a customer using the search bar.
- Target customers links and notes on the table.
- Add target customers.

Elements of this core:

- Search bar.
- Customers information table.

CV04 - Sales orders

User Goals:

- Table with sales overall information about the products, such as its id, quantity and buyer's name.

Business Goals:

- Being able to identify the key buyers and the most sold products.

Inward paths:

- Sales orders button.

Show10entries

Search:

Date	Entity	Serie(NumDoc)	Product Code	Product (QTY) (PPU)(€) (TP)(€)	Client DISC(%)	Total(Merc)(€)	
2016-09-20T00:00:00	SOFRIO	2016 (1100)	A0002 A0001 A0004	Computador Pentium III 800MHz (1) (926) (926) Pentium D925 Dual Core (1) (833.33) (833.33) Procesador Intel D326 2.5GHz (3) (499) (1497)	10	3256.33	Edit Order Cancel Order
2016-09-20T00:00:00	SOFRIO	2016 (1096)	B0005 B0003 B0004	TFT 19i HV-926TS 1280x1024 (1) (186) (186) Monitor 747D 14" (3) (159) (477) Ddr4m2 1024Mb 533Mhz PC2 4200 (4) (126) (516)	10	1179	Edit Order Cancel Order
2016-09-20T00:00:00	SILVA	2016 (1097)	A0007 A0002 A0005	Secretu00e1ria 150"070"070 c/v Dim (4) (0) (0) Computador Pentium III 800MHz (2) (926) (1852) Secretu00e1ria 150"070 (1) (250) (250)	0	2102	Edit Order Cancel Order
2016-09-20T00:00:00	LIMA	2016 (1098)	B0001 B0005 B0003	Monitor 7JT-1024*1024 (2) (176) (352) TFT 17i 1702 1280x1024 (4) (276) (1104) Monitor 747D 14" (5) (159) (795)	0	2251	Edit Order Cancel Order
2016-09-20T00:00:00	J.M.F.	2016 (1099)	C0002 C0002 C0001	GT-15000 600x1200ppp 48bit USB SCSI (2) (1635) (3270) GT-15000 600x1200ppp 48bit USB SCSI (2) (1635) (3270) Home Theater PC AMDx64 4200+ (1) (797) (797)	0	7337	Edit Order Cancel Order
2016-09-21T00:00:00	SOFRIO	2016 (1105)	A0004 A0002 A0004	Procesador Intel D326 2.5GHz (3) (499) (1497) Computador Pentium III 800MHz (0) (926) (4630) Procesador Intel D326 2.5GHz (4) (499) (1996)	10	8123	Edit Order Cancel Order
2016-09-21T00:00:00	SOFRIO	2016 (1101)	B0007 B0001 B0002	Rato R17B (3) (0) (0) Monitor 7JT-1024*1024 (4) (176) (704) Gravador DVD Usb 2.0 Super Multi Drive (4) (306) (1236)	10	1940	Edit Order Cancel Order
2016-09-21T00:00:00	SILVA	2016 (1102)	A0001 A0004 A0004	Pentium D925 Dual Core (2) (1000) (2000) Procesador Intel D326 2.5GHz (2) (499) (998) Procesador Intel D326 2.5GHz (2) (499) (998)	0	2998	Edit Order Cancel Order
2016-09-21T00:00:00	LIMA	2016 (1103)	B0001 B0004 B0007	Monitor 7JT-1024*1024 (5) (176) (880) Ddr4m2 1024Mb 533Mhz PC2 4200 (3) (126) (387) Rato R17B (2) (0) (0)	0	1267	Edit Order Cancel Order
2016-09-21T00:00:00	J.M.F.	2016 (1104)	C0002 C0002 C0002	GT-15000 600x1200ppp 48bit USB SCSI (4) (1635) (6540) GT-15000 600x1200ppp 48bit USB SCSI (2) (1635) (3270) GT-15000 600x1200ppp 48bit USB SCSI (3) (1635) (4905)	0	14715	Edit Order Cancel Order

Showing 1 to 10 of 50 entries

Previous12345Next

New Order

Outward paths:

- Search for a sales order using the search bar.
- Sales orders links and information on the table.
- Add sales orders.

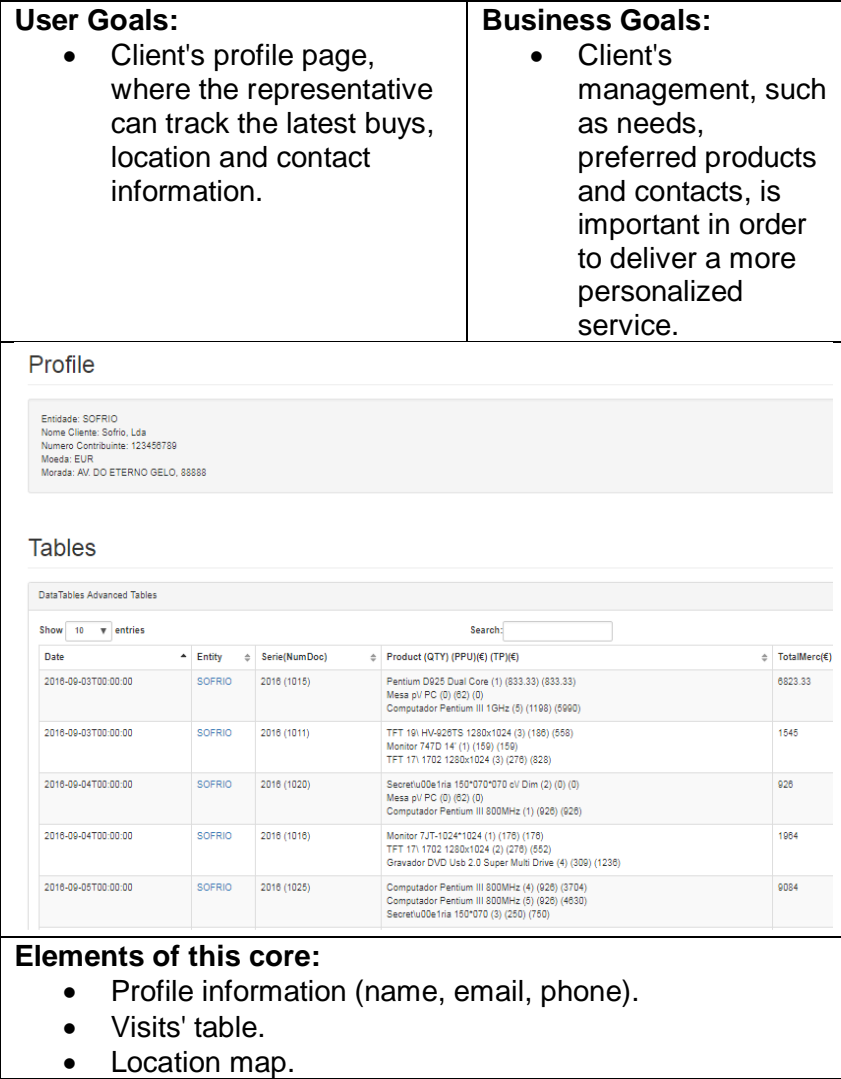
Elements of this core:

- Table with information regarding sales.
- Search bar.

CV05 – Opportunities

	User Goals: <ul style="list-style-type: none">Identify opportunities to expand business throughout a dedicated process.	Business Goals: <ul style="list-style-type: none">Putting opportunities into perspective and analyzing them step-by-step is of major importance in every business daily agenda.
Inward paths: <ul style="list-style-type: none">Opportunities button.	<p>The diagram illustrates a five-step process for managing opportunities. The steps are: Qualification, Needs analysis, Proposal, Negotiations, and Ready to close. Each step is represented by a box containing a list of items. The 'Qualification' box lists 'Sofrio, Lda', 'Mesa p/ PC', 'Maria José da Silva', and 'Pentium D925 Dual Core'. The 'Needs analysis' box is empty. The 'Proposal' box lists 'Maria José da Silva', 'Processador Intel D326 2.5GHz', 'Sofrio, Lda', and 'Mesa p/ PC'. The 'Negotiations' box is empty. The 'Ready to close' box lists 'Sofrio, Lda', 'Pentium 4 945+ Dual Core 3.4GHZ', 'Sofrio, Lda', and 'Processador Intel D326 2.5GHz'. A blue 'Create' button is located at the top left of the diagram.</p>	Outward paths: <ul style="list-style-type: none">Opportunities' information in each of the steps' notes.Change the state of the opportunities.Add new opportunities.
	Elements of this core: <ul style="list-style-type: none">Step-by-step opportunity analysis.Note cards.	

CV06 - Client Profile



CV07 - Product information

User Goals:

- Products' profile, where it's possible to look up product information regarding quantities/sales.

Business Goals:

- Statistic studying about a product's profit can contribute to estimate its growth in value overtime, and if it still remains profitable.

Inward paths:

- Product id.

Product

Product code: A0001
Description: Pentium D925 Dual Core
PVP1: 1000
PVP2: 699
PVP3: 748
Total earnings(€): 1431430.78

Tables

DataTables Advanced Tables

Show 10 entries

Search:

Date	Entity	Serie(NumDoc)	QTY	PPU	Total Price
2016-07-18T00:00:00	SOFRIO	2016 (840)	2	833.33	1499.99
2016-07-18T00:00:00	SOFRIO	2016 (840)	4	833.33	2999.99
2016-07-18T00:00:00	SILVA	2016 (837)	5	1000	5000
2016-07-21T00:00:00	SILVA	2016 (852)	5	1000	5000
2016-07-22T00:00:00	SOFRIO	2016 (860)	5	833.33	3749.98
2016-07-23T00:00:00	SILVA	2016 (862)	5	1000	5000
2016-08-01T00:00:00	SOFRIO	2016 (880)	3	833.33	2249.99
2016-08-01T00:00:00	SOFRIO	2016 (880)	2	833.33	1499.99
2016-08-03T00:00:00	SOFRIO	2016 (890)	3	833.33	2249.99
2016-08-03T00:00:00	SOFRIO	2016 (890)	4	833.33	2999.99

Showing 1 to 10 of 50 entries

Previous 1 2 3 4 5 Next

Outward paths:

- Last orders table.

Elements of this core:

- Product's information.
- Orders' table.
- Information regarding prices/stock/profit.

Interoperability with Primavera

In this section, we will define what webservice will be implemented.

Dashboard

Protocol to get the data that will be presented on the dashboard:

Webservice ID	DASHBOARD
Webservice Description	Provide some metrics related with how well the sales are performing and part of the agenda of the sales representative.
Related Core View(s)	CV01
HTTP Verb	GET
Route	/dashboard/?representative_id=<representative_id>
Input Example	/dashboard/?representative_id=1
Expected Output	<pre>{ "today_agenda": [{ "id": "{A7E3A72E-CBB9-11E7-806B-080027A3C35D}", "start_date": "2017-11-17 17:10", "end_date": "2017-11-17 17:10", "title": "Apresentação", "type": "Reunião", "client": "SOFRIO", "representative_id": "1", "location": "FEUP", "notes": "Be ready." }], "objectives": [{ "clients": "56", "products": "80", "earnings": "30" }], "statistics": [{ "most_sold_product_name": "GT-15000 600x1200ppp 48bit USB SCSI", "most_profitable_product_name": "GT-15000 600x1200ppp 48bit USB SCSI" }] }</pre>

Agenda

Protocols to get and set the appointments that a sales representative attended and will attend:

Webservice ID	APPOINTMENTS
Webservice Description	Provide the detailed information of the appointments of a representative.
Related Core View(s)	CV02
HTTP Verb	GET
Route	/agenda/?representative_id=<representative_id>
Input Example	/agenda/?representative_id=1
Expected Output	[{ "id": "{A7E3A72E-CBB9-11E7-806B-080027A3C35D}", "start_date": "2017-11-17 17:10", "end_date": "2017-11-17 17:10", "title": "Apresentação", "type": "Reunião", "client": "SOFRIO", "representative_id": "1", "location": "FEUP", "notes": "Be ready." }]

Webservice ID	APPOINTMENT_CREATE
Webservice Description	Create an appointment that the sales representative should attend.
Related Core View(s)	CV02
HTTP Verb	POST
Route	/agenda
Input Example	/agenda { "start_date": "2017-11-17 23:00", "end_date": "2017-11-17 23:56", "title": "Present product", "type": "Reunião", "client": "SOFRIO", "representative_id": "1", "location": "Home", "notes": "Do not be late." }

Expected Output	<p>Success:</p> <pre>{ "id": "{35998DB3-CD18-11E7-8BA4-080027A3C35D}", "start_date": "2017-11-17 23:00", "end_date": "2017-11-17 23:56", "title": "Present product", "type": "Reunião", "client": "SOFRIO", "representative_id": "1", "location": "Home", "notes": "Do not be late." }</pre> <p>Failure: "It was not possible to create the appointment."</p>
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Webservice ID	APPOINTMENT_UPDATE
Webservice Description	Update the information of an appointment that the sales representative should attend.
Related Core View(s)	CV02
HTTP Verb	PUT
Route	/agenda/?id=<id>
Input Example	<pre>/agenda/?id={35998DB3-CD18-11E7-8BA4-080027A3C35D} { "start_date": "2017-11-17 23:00", "end_date": "2017-11-17 23:56", "title": "Present product", "type": "Compromisso", "client": "SOFRIO", "representative_id": "1", "location": "Home", "notes": "Do not be late." }</pre>
Expected Output	<p>Success:</p> <pre>{ "id": "{1884517D-CD19-11E7-8BA4-080027A3C35D}", "start_date": "2017-11-17 23:00", "end_date": "2017-11-17 23:56", "title": "Present product", "type": "Compromisso", "client": "SOFRIO", "representative_id": "1", "location": "Home", "notes": "Do not be late." }</pre> <p>Failure: message with error description.</p>

Webservice ID	APPOINTMENT_DELETE
Webservice Description	Hide an appointment that the sales representative should attend.
Related Core View(s)	CV02
HTTP Verb	DELETE
Route	/agenda/?id=<id>
Input Example	/agenda/?id={35998DB3-CD18-11E7-8BA4-080027A3C35D}
Expected Output	Success: "Sucesso" Failure: message with error description.

Sales Orders

Protocols to get, create, update and delete information about sales orders:

Webservice ID	SALES_ORDERS
Webservice Description	Get the sales orders.
Related Core View(s)	CV04
HTTP Verb	GET
Route	/DocVenda
Input Example	/DocVenda
Expected Output	Success: <pre>[{ "id": "{308AB32A-CB4C-11E7-B836-080027640604}", "Entidade": "SOFRIO", "NumDoc": 24, "Data": "2017-11-17T00:00:00", "Desconto": 10, "TotalMerc": 2504.03, "Serie": "A", "Anulado": true, "LinhasDoc": [{ "CodArtigo": "A0003", "DescArtigo": "Computador Pentium III 1GHz", "IdCabecDoc": "{308AB32A-CB4C-11E7-B836-080027640604}", "Quantidade": 1, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 998.33, "TotalLiquido": 998.33, "TotalLiquido": 898.5 }] }]</pre>

	<pre> }, { "id": "{DCBBF1F6-7A5A-11E6-A55F-080027184ECD}", "Entidade": "LIMA", "NumDoc": 1108, "Data": "2016-09-22T00:00:00", "Desconto": 0, "TotalMerc": 534, "Serie": "2016", "Anulado": false, "LinhasDoc": [{ "CodArtigo": "B0006", "DescArtigo": "TFT 17" 1702 1280x1024", "IdCabecDoc": "{DCBBF1F6-7A5A-11E6-A55F-080027184ECD}", "Quantidade": 1, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 276, "TotalLiquido": 276, "TotalLiquido": 276 }], { "CodArtigo": "B0004", "DescArtigo": "Ddram2 1024Mb 533Mhz PC2 4200", "IdCabecDoc": "{DCBBF1F6-7A5A-11E6-A55F-080027184ECD}", "Quantidade": 1, "Unidade": "UN", "Desconto": 2, "PrecoUnitario": 129, "TotalLiquido": 129, "TotalLiquido": 126.42 } }], }] </pre> <p>Failure: message with error description.</p>
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Webservice ID	SALES_ORDERS_CLIENT
Webservice Description	Get the sales orders associated to a client.
Related Core View(s)	CV06
HTTP Verb	GET
Route	/DocVenda/?id=<id>
Input Example	/DocVenda/?id=SOFRIO
Expected Output	<p>Success:</p> <pre>[{ "id": "{308AB32A-CB4C-11E7-B836-080027640604}", "Entidade": "SOFRIO", "NumDoc": 24, "Data": "2017-11-17T00:00:00", "Desconto": 0, "TotalMerc": 2504.03, "Serie": "A", "Anulado": false, "LinhasDoc": [{ "CodArtigo": "A0003", "DescArtigo": "Computador Pentium III 1GHz", "IdCabecDoc": "{308AB32A-CB4C-11E7-B836-080027640604}", "Quantidade": 1, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 998.33, "TotalLiquido": 998.33, "TotalLiquido": 898.5 }], { "id": "{A940A533-C7DF-11E7-B090-080027640604}", "Entidade": "SOFRIO", "NumDoc": 15, "Data": "2017-11-12T00:00:00", "Desconto": 0, "TotalMerc": 465.84, "Serie": "A", "Anulado": false, "LinhasDoc": [{ "CodArtigo": "B0001", "DescArtigo": "Monitor 7JT-1024*1024", "IdCabecDoc": "{A940A533-C7DF-11E7-B090-080027640604}", "Quantidade": 2, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 166.67, "TotalLiquido": 333.34, "TotalLiquido": 300.01 }], }</pre> <p>Failure: message with error description.</p>

Webservice ID	SALES_ORDERS_ORDER
Webservice Description	Get a specific sale order.
Related Core View(s)	CV07
HTTP Verb	GET
Route	/DocVenda/?id=<id>&serie=<serie>
Input Example	/DocVenda/?id=15&serie=A
Expected Output	<p>Success:</p> <pre>{ "id": "{A940A533-C7DF-11E7-B090-080027640604}", "Entidade": "SOFRIO", "NumDoc": 15, "Data": "2017-11-12T00:00:00", "Desconto": 0, "TotalMerc": 465.84, "Serie": "A", "Anulado": false, "LinhasDoc": [{ "CodArtigo": "B0001", "DescArtigo": "Monitor 7JT-1024*1024", "IdCabecDoc": "{A940A533-C7DF-11E7-B090-080027640604}", "Quantidade": 2, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 166.67, "TotalLiquido": 333.34, "TotalLiquido": 300.01 }], { "CodArtigo": "B0003", "DescArtigo": "Monitor 747D 14", "IdCabecDoc": "{A940A533-C7DF-11E7-B090-080027640604}", "Quantidade": 1, "Unidade": "UN", "Desconto": 10, "PrecoUnitario": 132.5, "TotalLiquido": 132.5, "TotalLiquido": 107.32 } }]</pre> <p>Failure: message with error description.</p>

Webservice ID	SALES_ORDERS_PRODUCT
Webservice Description	Get the sales orders associated to a product.
Related Core View(s)	CV04
HTTP Verb	GET
Route	/DocVenda/?id=<id>
Input Example	/DocVenda/?id=A0001
Expected Output	<p>Success:</p> <pre>[{ "id": "{9DD49CEB-CBAF-11E7-8D5E-080027640604}", "Entidade": "SOFRIO", "NumDoc": 25, "Data": "2017-11-17T00:00:00", "Desconto": 0, "TotalMerc": 0, "Serie": "A", "Anulado": false, "LinhasDoc": [{ "CodArtigo": "A0001", "DescArtigo": "Pentium D925 Dual Core", "IdCabecDoc": "{9DD49CEB-CBAF-11E7-8D5E-080027640604}", "Quantidade": 1, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 833.33, "TotalLiquido": 833.33, "TotalLiquido": 750 }], }, { "id": "{18561E5E-CB47-11E7-B836-080027640604}", "Entidade": "SILVA", "NumDoc": 23, "Data": "2017-11-17T00:00:00", "Desconto": 0, "TotalMerc": 0, "Serie": "A", "Anulado": false, "LinhasDoc": [{ "CodArtigo": "A0001", "DescArtigo": "Pentium D925 Dual Core", "IdCabecDoc": "{18561E5E-CB47-11E7-B836-080027640604}", "Quantidade": 1, "Unidade": "UN", "Desconto": 0, "PrecoUnitario": 833.33, "TotalLiquido": 833.33, "TotalLiquido": 833.33 }], },]</pre> <p>Failure: message with error description.</p>

Webservice ID	CREATE_SALES_ORDERS
Webservice Description	Creates a new sale order.
Related Core View(s)	CV04
HTTP Verb	POST
Route	/DocVenda
Input Example	/DocVenda/ <pre>{ "Entidade": "SOFRIO", "Serie": "A", "LinhasDoc": [{ "CodArtigo": "A0004", "Quantidade": 1, "Desconto": 0 }] }</pre>
Expected Output	Success: "Sucesso" Failure: message with error description.

Webservice ID	UPDATE_SALES_ORDERS
Webservice Description	Updates an existing order.
Related Core View(s)	CV04
HTTP Verb	PUT
Route	/DocVenda/?id=<id>
Input Example	/DocVenda/{9DD49CEB-CBAF-11E7-8D5E-080027640604}/ <pre>{ "Entidade": "LIMA", "Serie": "A", "LinhasDoc": [{ "CodArtigo": "A0002", "Quantidade": 1, "Desconto": 0 }] }</pre>
Expected Output	Success: "Sucesso" Failure: message with error description.

Webservice ID	CANCEL_SALES_ORDER
Webservice Description	Cancels a sale order.
Related Core View(s)	CV04
HTTP Verb	DELETE
Route	/DocVenda/?id=<id>
Input Example	/DocVenda/?id={DCBBF1D6-7A5A-11E6-A55F-080027184ECD}
Expected Output	Success: Sucesso" Failure: message with error description.

Client Profile

Protocol to get the information related to a client:

Webservice ID	CLIENT_PROFILE
Webservice Description	Obtain information about a client.
Related Core View(s)	CV06
HTTP Verb	GET
Route	/cliente/<client_id>
Input Example	/cliente/SOFRIO
Expected Output	Success: <pre>{ "Morada": "AV. DO ETERNO GELO, 88888", "CodCliente": "SOFRIO", "NomeCliente": "Sofrio, Lda", "NumContribuinte": "123456789", "Moeda": "EUR", "Email": "" }</pre> Failure: message with error description.

Target Customers

Protocol to get or search future commitments:

Webservice ID	TARGET_CUSTOMERS
Webservice Description	Check next commitments with target customers.
Related Core View(s)	CV03
HTTP Verb	GET
Route	/target_customers/?representative_id=<representative_id>
Input Example	/target_customers/?representative_id=1
Expected Output	[{ "customer_id": "SOFRIO", "name": "Sofrio, Lda", "date": "2017-11-17 11:00", "location": " Rua Conselheiro Costa Braga, 502", "phone_number": "200267890" }]

Webservice ID	TARGET_CUSTOMERS_SEARCH
Webservice Description	Search next commitments with target customers.
Related Core View(s)	CV03
HTTP Verb	GET
Route	/target_customers/?representative_id=<representative_id>& target_customer_id=<target_customer_id>
Input Example	/target_customers/?representative_id=1&target_customer_id=SOFRIO
Expected Output	[{ "customer_id": "SOFRIO", "name": "Sofrio, Lda", "date": "2017-11-17 11:00", "location": " Rua Conselheiro Costa Braga, 502", "phone_number": "200267890" }]

Opportunities

Protocol to get, create and edit the state of negotiations:

Webservice ID	OPPORTUNITIES
Webservice Description	Retrieves the opportunities.
Related Core View(s)	CV05
HTTP Verb	GET
Route	/opportunities/?representative_id=<representative_id>
Input Example	/opportunities/?representative_id=1
Expected Output	[{ "opportunity_id": "OPV016", "customer_id": "SOFRIO", "customer_name": "Sofrio, Lda", "product_id": "A0005", "product_name": "Mesa p/ PC", "opportunity_type": "Ready to close", "representative_id": "1" }]

Webservice ID	CREATE_OPPORTUNITY
Webservice Description	Create a new opportunity.
Related Core View(s)	CV05
HTTP Verb	POST
Route	/opportunities
Input Example	/opportunities { "customer_id": "SOFRIO", "product_id": "A0001", "opportunity_type": "Needs analysis", "representative_id": "1" }
Expected Output	Success: { "opportunity_id": "OPV018", "customer_id": "SOFRIO", "customer_name": "Sofrio, Lda", "product_id": "A0001", "product_name": "Pentium D925 Dual Core", "opportunity_type": "Needs analysis", "representative_id": "1" } Failure: "It was not possible to create the opportunity."

Webservice ID	UPDATE_OPPORTUNITY
Webservice Description	Change the state of an opportunity.
Related Core View(s)	CV05
HTTP Verb	PUT
Route	/opportunities/?opportunity_id=<opportunity_id>
Input Example	<pre> /opportunities/?opportunity_id=OPV018 { "customer_id": "SOFRIO", "product_id": "A0005", "opportunity_type": "Needs analysis", "representative_id": "1" } </pre>
Expected Output	Success: "Sucesso" Failure: message with error description.

Webservice ID	DELETE_OPPORTUNITY
Webservice Description	Delete the state of an opportunity.
Related Core View(s)	CV05
HTTP Verb	DELETE
Route	/opportunities/?opportunity_id=<opportunity_id>
Input Example	/opportunities/?opportunity_id=OPV018
Expected Output	Success: "Sucesso" Failure: message with error description.

Product Information

Protocol to get the details of a product,

Webservice ID	PRODUCT_INFORMATION
Webservice Description	Retrieves the details of a product.
Related Core View(s)	CV07
HTTP Verb	GET
Route	/artigo/?id=<product_id>
Input Example	/artigo/?id=A0001
Expected Output	Success: <pre> { "CodArtigo": "A0001", "DescArtigo": "Pentium D925 Dual Core", "STKAtual": 569, "PVP1": 1000, "PVP2": 698, "PVP3": 748, "TotalEarnings": 1431430.76 } </pre> Failure: message with error description.