#### **API Documentation**

### **Web Services Address:**

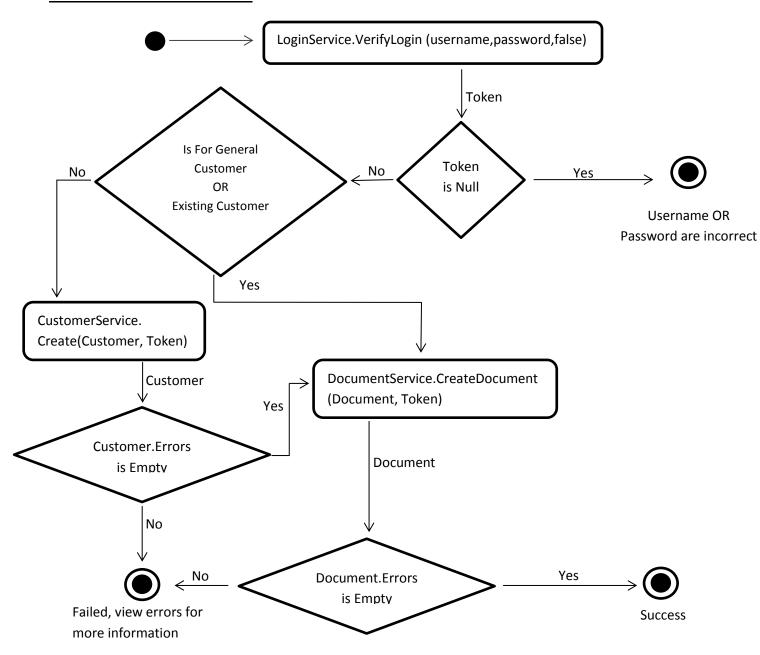
- Invoice Login Service <a href="http://private.invoice4u.co.il/Services/LoginService.svc">http://private.invoice4u.co.il/Services/LoginService.svc</a>
- Invoice Customer Service <a href="http://private.invoice4u.co.il/Services/CustomerService.svc">http://private.invoice4u.co.il/Services/CustomerService.svc</a>
- Invoice Document Service <a href="http://private.invoice4u.co.il/Services/DocumentService.svc">http://private.invoice4u.co.il/Services/DocumentService.svc</a>

### **Testing User Information:**

User Name: Test@test.com

Password: 123456

### **Document creation flow chart:**



#### **Additional Information**

- 1. After accruing a **Token** once there is no need to reacquire it again.
- 2. The Errors collection is an array of **Error** object that contain 3 properties:
  - a. Error string
  - b. ID integer
  - c. Parameters string, represents additional information (such as line number, exception message etc.)
- 3. After creating a customer use the property Customer.ld in the filed "ClientID" when creating a document.
  - a. In Order to update a client send the clientID in the "ID" field while calling create
- 4. **General customer** as eligible only for the following types of documents:
  - a. Receipt
  - b. Invoice Receipt
  - c. Invoice Credit
- 5. **PayTerms** field represents the number of days that are the latest date for payment from the end of the month (+ שוטף ).
- 6. At least 1 **Item** is required for every document <u>accept</u> for the following:
  - a. Deposits
  - b. Invoice Credit
  - c. Receipt
- 7. At least 1 **Payment** method is required for the following documents types:
  - a. Receipt
  - b. InvoiceReceipt

# **Objects**

## **Document**

Filed	Туре	Mandatory	Default value	Comments
ClientID	int	Either ClientId or		
GeneralCustomer	GeneralCustomer	GeneralCustomer must be defined		Only for: - Invoice - Invoice Receipt - Invoice Credit
DocumentType	int	Yes		* Documents type Enum
Subject	String	Yes		
Currency	string	No	ILS	*Currencies Table
Total	double	Yes		
ExtrnalComments	string	No	Empty	
IntrnalComments	string	No	Empty	
IssueDate	DateTime	No	Now	
ConversionRate	double	No	1	
Discount	discount	No	No discount	
RoundAmount	bool	No	False	
Languge	int	No	1	
Items	Array[DocumentItem]	Yes		Accept : - Deposits - Invoice Credit
AssociatedEmails	Array[AssociatedEmail]	No		
Payments	Array[Payment]	Yes		At least 1 payment only for: - Receipt - Invoice Receipt
TaxIncluded	Bool	No	False	Mark whether the prices includes tax
TaxPercentage	double	No	User's tax	
Invoices	Document	No		Use only for Receipt and Invoice credit

## **Document Item**

Filed	Туре	Mandatory	Default value	Comments
Code	string	No	Empty	
Name	string	Yes		
Quantity	double	Yes		
Price	double	Yes		
Total	double	No	Price*Quantity	
TotalWithOutTax	double	No	Total / Tax Rate	
TaxPrecentage	double	No	As defined per user	
Discount	discount	No	No discount	

### Customer

Filed	Туре	Mandatory	Default value	Comments
Name	string	Yes		
Email	string	No	Empty	
UniqueID	string	Yes		
PayTerms	int	No	0	One of the following values: 0/30/45/60/90/120
Phone	string	No	Empty	
Fax	string	No	Empty	
Cell	string	No	Empty	
Active	bool	No	True	
Address	string	No	Empty	
City	string	No	Empty	
Zip	string	No	Empty	
ExtNumber	long	No	Empty	

## **General Customer**

Filed	Туре	Mandatory	Default value	Comments
Identifier	string	No	Empty	
Name	string	Yes		

## **Associated Email**

Filed	Туре	Mandatory	Default value	Comments
Mail	String	Yes		
IsUserMail	bool	No	False	

## **Payment**

Filed	Туре	Mandatory	Default value	Comments
Date	DateTime	Yes		
Amount	Double	Yes		
PaymentType	int	Yes		* Payment type Enum
AccountNumber	string	No	Empty	
BankName	String	No	Empty	
BranchName	String	No	Empty	
CreditCardType	String	No	Empty	
ExpirationDate	String	No	Empty	
NumberOfPayments	int	No	0	
PaymentNumber	String	No	Empty	* Check/Credit Card number

## **Enums**

<b>Documents type Enum:</b>	1	Invoice		
	2	Receipt		
	3	InvoiceReceipt		
	4	InvoiceCredit		
	5	Proformalnvoice		
	6	InvoiceOrder		
	7	InvoiceQuote		
	8	InvoiceShip		
	9	Deposits		
<u>Currencies Table</u> :		AUD		
		CAD		
		CHF		
		DKK		
		EUR		
		GBP		
		ILS		
	INR JPY			
		NOK		
		PLN		
		RUB		
		USD		
Payment type Enum:	1	CreditCard		
	2	Check		
	3 MoneyTransfer			
	4	Cash		
	5	Credit		

# **Errors Codes**

GeneralError         Server         0           EmailExists         Document         1           CustomerNameExists         Customer         2           InvalidDateRange         Document         3           UserIsNotValidForClearing         Document         4           ExternalNumberExists         Customer         5           NameExists         Customer         6           ClieartDoesntExists         Document         7           ClearingCompanyUndefined         User         8           UniqueldExists         User         9           CullomNumberDoesNotMatch         CSV         10           ServerErrorOnDocumentCreate         Server         11           CullomSeneralError         Document         12           ExternalAccountingMissing         Customer         13           MultipuleExternalNumbers         Customer         14           OneOfTheCustomerHaveDocuments         Customer         15           EmailNotValid         User         17           NotEnoughCredits         User         17           NotEnoughCredits         User         18           RetainerAllreadyCreatedForThisCustomer         Customer         19           Cus	<u>Enum</u>	Category	Code	Information
CustomerNameExists     Customer     2       InvalidDateRange     Document     3       UserIsNotValidForClearing     Document     4       ExternalNumberExists     Customer     5       NameExists     Customer     6       CliearIDoesntExists     Document     7       ClearingCompanyUndefined     User     8       UniqueIdExists     User     9       CullomNumberDoesNotMatch     CSV     10       ServerErrorOnDocumentCreate     Server     11       CullomSeneralError     Document     12       ExternalAccountingMissing     Customer     13       MultipuleExternalNumbers     Customer     14       OneOfTheCustomerHaveDocuments     Customer     15       EmailNotValid     User     17       NotEnoughCredits     User     18       RetainerAllreadyCreatedForThisCustomer     Customer     19       CustomerNameDoesNotExists     Document     20       AmountMustBeNumaric     Payment     21       IseGeneralClientMustBeTrueOrFalse     Document     23       NumberOfItemsIsNotEqual     Document     25       ItemsQuantityMustBeNumaric     Document     27       CustomerNameCanNotBeEmpty     Customer     28       CreditAnd	GeneralError	Server	0	
InvalidDateRangeDocument4ExternalNumberExistsCustomer5NameExistsCustomer6ClientDoesntExistsDocument7ClearingCompanyUndefinedUser8UniqueIdExistsUser9CullomNumberDoesNotMatchCSV10ServerErrorOnDocumentCreateServer11CullomSGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidUser17NotEnoughCreditsUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberOfttemsIsNotEqualDocumenttem25ItemsPciacAmityMustBeNumaricDocumenttem26SubjectCanNotBeEmptyCustomer28CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument33DocumentTypeNotInRangeDocument33DocumentTemsNotSpecifiedDocument36	EmailExists	Document	1	
UserIsNotValidForClearingDocument4ExternalNumberExistsCustomer5NameExistsCustomer6ClientDoesntExistsDocument7ClearingCompanyUndefinedUser8UniqueIdExistsUser9CullomNumberDoesNotMatchCSV10CserverErrorOnDocumentCreateServer11CullomsGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberOfIttemsIsNotEqualDocumenttem24ItemsQuantityMustBeNumaricDocumenttem25ItemsQuantityMustBeNumaricDocumenttem26SubjectCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument33DocumentTyeNotInRangeDocument33DocumentTyeNotInRangeDocument35CurrencyServiceUnavailableDocument3	CustomerNameExists	Customer	2	
ExternalNumberExists  NameExists  ClientDoesntExists  Document  7 ClearingCompanyUndefined  User  9 CullomNumberDoesNotMatch  CSV  10 ServerErrorOnDocumentCreate  Server  CullomSGeneralError  Document  Tale ExternalAccountingMissing  Customer  MultipuleExternalNumbers  Customer  14 CneOfftheCustomerHaveDocuments  Customer  15 EmailNotValid  Document  16 PasswordNotValid  User  17 NotEnoughCredits  RetainerAllreadyCreatedForThisCustomer  Customer  Customer  18 RetainerAllreadyCreatedForThisCustomer  Customer  Customer  19 Customer  19 CustomerNameDoesNotExists  Document  20 AmountMustBeNumaric  Payment  21 IsGeneralClientMustBeTrueOrFalse  NumberGitlemsIsNotEqual  ItemsPriceMustBeNumaric  Documentltem  25 ItemsQuantityMustBeNumaric  Documentltem  25 ItemsQuantityMustBeNumaric  Documentltem  25 Customer NameCanNotBeEmpty  Customer  Customer  28 CreditAndInvoiceAmountsAreDiffrent  Payment  29 ExpiryDateMustBeAtleast3Characters  Payment  30 CustomerExternalNumberExists  Customer  31 ClearingError  Document  32 DocumentTypeNotInRange  Document  35 CurrencyServiceUnavailable  Document  26 CurrencyServiceUnavailable  Document  36 ClientIDDoesntExists  Document  36 ClientIDDoesntExists  Document  36 ClientIDDoesntExists  Document  36 ClientIDDoesntExists  Document  37	InvalidDateRange	Document	3	
NameExistsCustomer6ClientDoesntExistsDocument7ClearingCompanyUndefinedUser8UniqueldExistsUser9CullomNumberDoesNotMatchCSV10ServerFrorOnDocumentCreateServer11CullomsGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser17RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberOfitemsIsNotEqualDocument23NumberOfitemsIsNotEqualDocument23ItemsQuantityMustBeNumaricDocument tlem25ItemsQuantityMustBeNumaricDocument tlem26SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotinRangeDocument32DocumentTypeNotinRangeDocument35DocumentTypeNotinRangeDocument	UserIsNotValidForClearing	Document	4	
ClientDoesntExistsDocument7ClearingCompanyUndefinedUser8UniqueldExistsUser9CullomNumberDoesNotMatchCSV10ServerErrorOnDocumentCreateServer11CullomSGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberOfItemsIsNotEqualDocument23NumberOfItemsIsNotEqualDocument24ItemsQuantityMustBeNumaricDocument tem24ItemsQuantityMustBeNumaricDocument tem25ItemsQuantityMustBeNumaricDocument 2728CustomerNameCanNotBeEmptyDocument 2728CustomerNameCanNotBeEmptyDocument 3029ExpiryDateMustBeAtleast3CharactersPayment 3030CustomerExternalNumberExistsCustomer 3131ClearingErrorDocument 3230DocumentTypeNotInRangeDocument 3230DocumentTypeNotInRangeDocument 3534CurrencyServiceUnavailableDocument 3536Currenc	ExternalNumberExists	Customer	5	
ClearingCompanyUndefinedUser8UniqueIdExistsUser9CullomNumberDoesNotMatchCSV10ServerErrorOnDocumentCreateServer11CullomSGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberOfitemsIsNotEqualDocument23ItemsPriceMustBeNumaricDocumenttlem24ItemsQuantityMustBeNumaricDocumenttlem26ItemsQuantityMustBeNumaricDocumenttlem26SubjectCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument32DocumentItemsNotSpecifiedDocument35CurrencyServiceUnavallableDocument35CurrencyServiceUnavallableDocument36ClientIDDoesntExistsDocument36	NameExists	Customer	6	
UniqueldExists User 9 CullomNumberDoesNotMatch CSV 10 ServerErrorOnDocumentCreate Server 11 CullomsGeneralError Document 12 ExternalAccountingMissing Customer 13 MultipuleExternalNumbers Customer 14 OneOfTheCustomerHaveDocuments Customer 15 EmailNotValid Document 16 PasswordNotValid User 17 NotEnoughCredits User 18 RetainerAllreadyCreatedForThisCustomer Customer 19 CustomerNameDoesNotExists Document 20 AmountMustBeNumaric Payment 21 IsGeneralClientMustBeTrueOrFalse Document 23 NumberOfitemsIsNotEqual Document 24 ItemsPriceMustBeNumaric Documenttem 25 ItemsQuantityMustBeNumaric Documenttem 26 ItemsQuantityMustBeNumaric Document 27 CustomerNameCanNotBeEmpty Customer 28 CreditAndInvoiceAmountsAreDiffrent Payment 29 ExpiryDateMustBeAtleast3Characters Payment 30 CustomerExternalNumberExists Customer 31 ClearingError Document 32 DocumentTypeNotInRange Document 33 DocumentTypeNotInRange Document 34 CurrencyServiceUnavailable Document 35 CurrencyDoesntExists Document	ClientDoesntExists	Document	7	
CullomNumberDoesNotMatchCSV10ServerErrorOnDocumentCreateServer11CullomsGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotVallidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberGlttemsIsNotEqualDocument23ItemsPriceMustBeNumaricDocumentltem25ItemsQuantityMustBeNumaricDocumentltem25ItemsQuantityMustBeNumaricDocumentl27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument33DocumentTypeNotInRangeDocument33DocumentTypeNotInRangeDocument35DocumentTypeNotInRangeDocument35CurrencyServiceUnavailableDocument36ClientIDDoesntExistsDocument36ClientIDDoesntExistsDocument37	ClearingCompanyUndefined	User	8	
ServerErrorOnDocumentCreateServer11CullomsGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocument23NumberOfItemsIsNotEqualDocument23NumberOfItemsIsNotEqualDocumentltem24ItemsQuantityMustBeNumaricDocumentltem25ItemsQuantityMustBeNumaricDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocument35CurrencyServiceUnavailableDocument35CurrencyServiceUnavailableDocument36ClientIDDoesntExistsDocument37	UniqueldExists	User	9	
CullomsGeneralErrorDocument12ExternalAccountingMissingCustomer13MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocumenttem22NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentltem24ItemsPriceMustBeNumaricDocumentltem25ItemsQuantityMustBeNumaricDocumentltem26SubjectCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentTypeNotInRangeDocument33DocumentTypeNotInRangeDocument34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument36	CullomNumberDoesNotMatch	CSV	10	
ExternalAccountingMissing MultipuleExternalNumbers Customer 14 OneOfTheCustomerHaveDocuments Customer 15 EmailNotValid Document 16 PasswordNotValid User 17 NotEnoughCredits User 18 RetainerAllreadyCreatedForThisCustomer Customer 19 CustomerNameDoesNotExists Document 20 AmountMustBeNumaric Payment 21 ISGeneralClientMustBeTrueOrFalse Document 22 NameFieldIsRequired Document 23 NumberOfItemsIsNotEqual ItemsPriceMustBeNumaric Document 25 ItemsQuantityMustBeNumaric Document 26 SubjectCanNotBeEmpty Document 27 CustomerNameCanNotBeEmpty Customer 28 CreditAndInvoiceAmountsAreDiffrent Payment 29 ExpiryDateMustBeAtleast3Characters Payment 30 CustomerExternalNumberExists Customer 31 ClearingError Document 32 DocumentTypeNotInRange Document 33 DocumentTypeNotInRange Document 34 CurrencyServiceUnavailable Document 35 CurrencyDoesntExists Document 36 ClientIDDoesntExists	ServerErrorOnDocumentCreate	Server	11	
MultipuleExternalNumbersCustomer14OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocumentltem22NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentltem24ItemsPriceMustBeNumaricDocumentltem25ItemsQuantityMustBeNumaricDocumentltem26SubjectCanNotBeEmptyCustomer27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument32DocumentItemsNotSpecifiedDocument33DocumentItemsNotSpecifiedDocument35CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	CullomsGeneralError	Document	12	
OneOfTheCustomerHaveDocumentsCustomer15EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocumentItem22NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentItem24ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocument33DocumentItemsNotSpecifiedDocument35CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	ExternalAccountingMissing	Customer	13	
EmailNotValidDocument16PasswordNotValidUser17NotEnoughCreditsUser18RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocumentItem22NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentItem24ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocument33DocumentItemsNotSpecifiedDocument35CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	MultipuleExternalNumbers	Customer	14	
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RetainerAllreadyCreatedForThisCustomerCustomer19CustomerNameDoesNotExistsDocument20AmountMustBeNumaricPayment21IsGeneralClientMustBeTrueOrFalseDocumentItem22NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentItem24ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument32DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument36	PasswordNotValid	User	17	
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AmountMustBeNumaric Payment 21 IsGeneralClientMustBeTrueOrFalse DocumentItem 22 NameFieldIsRequired Document 23 NumberOfItemsIsNotEqual DocumentItem 24 ItemsPriceMustBeNumaric DocumentItem 25 ItemsQuantityMustBeNumaric DocumentItem 26 SubjectCanNotBeEmpty Document 27 CustomerNameCanNotBeEmpty Customer 28 CreditAndInvoiceAmountsAreDiffrent Payment 29 ExpiryDateMustBeAtleast3Characters Payment 30 CustomerExternalNumberExists Customer 31 ClearingError Document 32 DocumentTypeNotInRange Document 33 DocumentItemsNotSpecified Document 34 CurrencyServiceUnavailable Document 35 CurrencyDoesntExists Document 36 ClientIDDoesntExists Document 37	RetainerAllreadyCreatedForThisCustomer	Customer	19	
IsGeneralClientMustBeTrueOrFalseDocument22NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentItem24ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument26SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocument34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	CustomerNameDoesNotExists	Document	20	
NameFieldIsRequiredDocument23NumberOfItemsIsNotEqualDocumentItem24ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument26SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocument34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	AmountMustBeNumaric	Payment	21	
NumberOfItemsIsNotEqualDocumentItem24ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument26SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	IsGeneralClientMustBeTrueOrFalse	DocumentItem	22	
ItemsPriceMustBeNumaricDocumentItem25ItemsQuantityMustBeNumaricDocument26SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	NameFieldIsRequired	Document	23	
ItemsQuantityMustBeNumaricDocument26SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocument34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	NumberOfItemsIsNotEqual	DocumentItem	24	
SubjectCanNotBeEmptyDocument27CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	ItemsPriceMustBeNumaric	DocumentItem	25	
CustomerNameCanNotBeEmptyCustomer28CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	ItemsQuantityMustBeNumaric	DocumentItem	26	
CreditAndInvoiceAmountsAreDiffrentPayment29ExpiryDateMustBeAtleast3CharactersPayment30CustomerExternalNumberExistsCustomer31ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	SubjectCanNotBeEmpty	Document	27	
ExpiryDateMustBeAtleast3Characters Payment 30 CustomerExternalNumberExists Customer 31 ClearingError Document 32 DocumentTypeNotInRange Document 33 DocumentItemsNotSpecified DocumentItem 34 CurrencyServiceUnavailable Document 35 CurrencyDoesntExists Document 36 ClientIDDoesntExists Document 37	CustomerNameCanNotBeEmpty	Customer	28	
Customer External Number ExistsCustomer31Clearing ErrorDocument32Document Type Not In RangeDocument33Document Items Not SpecifiedDocument Item34Currency Service UnavailableDocument35Currency Doesnt ExistsDocument36Client ID Doesnt ExistsDocument37	CreditAndInvoiceAmountsAreDiffrent	Payment	29	
ClearingErrorDocument32DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	ExpiryDateMustBeAtleast3Characters	Payment	30	
DocumentTypeNotInRangeDocument33DocumentItemsNotSpecifiedDocumentItem34CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	CustomerExternalNumberExists	Customer	31	
DocumentItemsNotSpecified DocumentItem 34 CurrencyServiceUnavailable Document 35 CurrencyDoesntExists Document 36 ClientIDDoesntExists Document 37	ClearingError	Document	32	
CurrencyServiceUnavailableDocument35CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	DocumentTypeNotInRange	Document	33	
CurrencyDoesntExistsDocument36ClientIDDoesntExistsDocument37	DocumentItemsNotSpecified	DocumentItem	34	
ClientIDDoesntExists Document 37	CurrencyServiceUnavailable	Document	35	
	CurrencyDoesntExists	Document	36	
TypeOfDocumentDoesntAllowGeneralCustomer Document 38	ClientIDDoesntExists	Document	37	
	TypeOfDocumentDoesntAllowGeneralCustomer	Document	38	

<u>Enum</u>	Category	Code	Information
DocumentItemMissingName	DocumentItem	39	
DocumentItemQuantityCannotBeZero	DocumentItem	40	
DocumentItemPriceCannotBeZero	DocumentItem	41	
EmailIsMissing	Document	42	
ServerError	Server	43	
NameApearsMoreThanOnce	Document	44	
PaymentsNotSpecified	Payment	45	
PaymentDateMissing	Payment	46	
PaymentAmountCannotBeZero	Payment	47	
DocumentIDDoesntExists	Document	48	
DocumentStatusInValid	Document	49	
DocumentReceiptAmountOutOfRange	Document	50	
PaymentTypeOutOfRange	Payment	51	
ReceiptClientNameDoesntMatchInvoiceClientName	Document	52	
DocumentReffTypeNotInRange	Document	53	
ReceiptDocumentReffTypeDoesntMatchInvoiceDocumentType	Document	54	
PaymentAmountDoesntMatchReffDocumentsAmount	Payment	55	
PaymentAmountDoesntMatchItemsAmount	Payment	56	
InvoiceCreditMustHaveRefDocuments	Payment	57	
BankAccountMissing	Payment	58	
BankAccountDoesntExists	Payment	59	
PaymentIDDoesntExists	Payment	60	
CannotCreateDepositWithDifferentPaymentTypes	Payment	61	
CannotCreateDepositForAPaymentMoreThanOnce	Payment	62	
BranchIDDoesntExists	Payment	63	
UniqueIDNotValid	Customer	64	
NotEnoughDocuments	Document	65	
ExpiredAccount	User	66	
RefDocumentEmpty	Document	67	
RefDocumentIDEmpty	Document	68	
PriceIsNotANumber	Document	69	
BothPricesIsNotANumber	Document	70	
PricesDoesntMatch	Document	71	
MaliciousString	Document	72	
NameTooLong	Customer	73	
CodeTooLong	Document	74	
PriceTooLong	Document	75	
PriceAfterTaxTooLong	Document	76	