

API Documentation

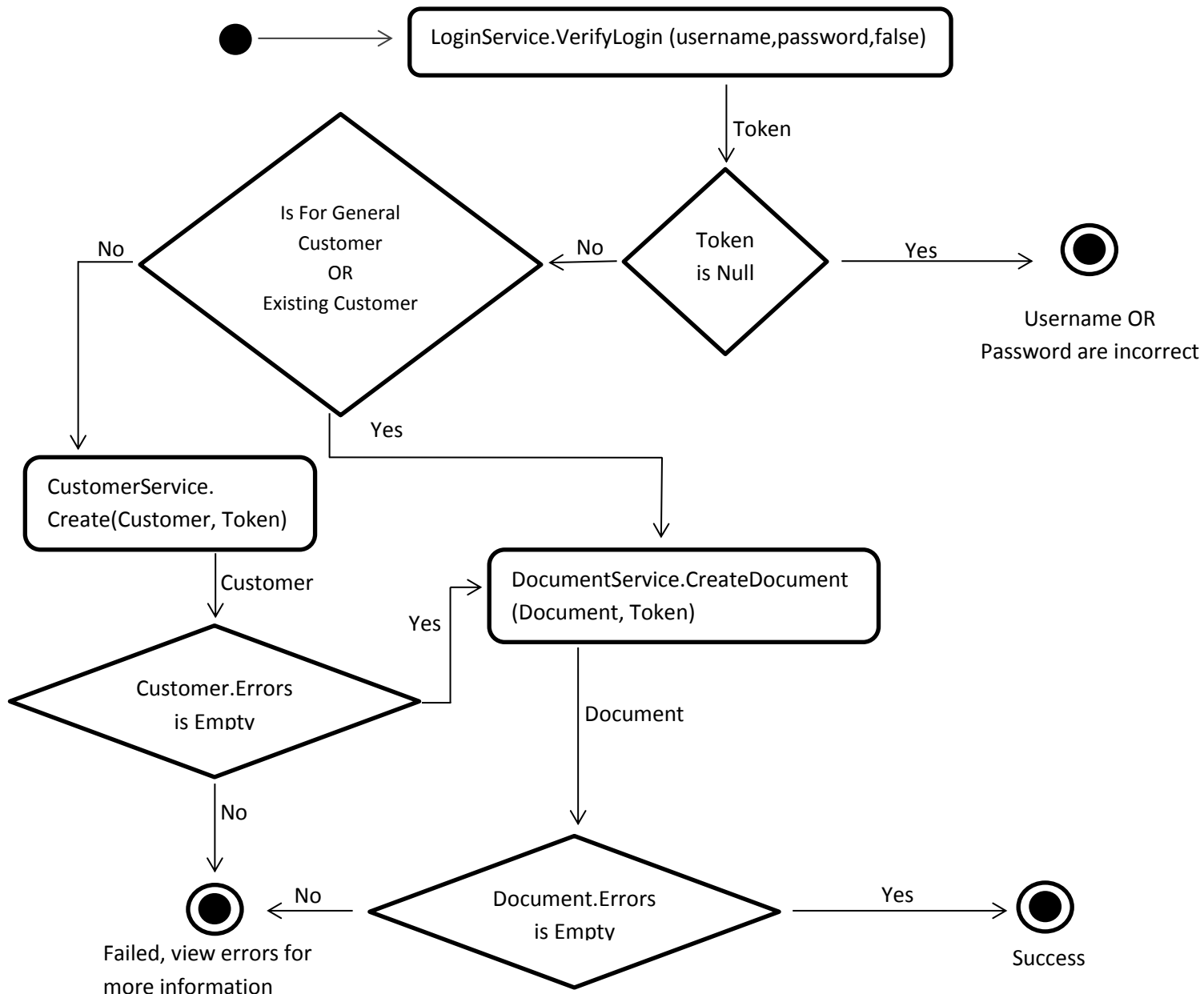
Web Services Address:

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

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.Id in the field “**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 (+ 7000).
6. At least 1 **Item** is required for every document accept 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	Type	Mandatory	Default value	Comments
ClientID	int	Either ClientId or GeneralCustomer must be defined		<u>Only for:</u> - Invoice - Invoice Receipt - Invoice Credit
GeneralCustomer	GeneralCustomer			
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	
Langue	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	Type	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	Type	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	Type	Mandatory	Default value	Comments
Identifier	string	No	Empty	
Name	string	Yes		

Associated Email

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

Payment

Filed	Type	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

<u>Documents type Enum:</u>	1	Invoice
	2	Receipt
	3	InvoiceReceipt
	4	InvoiceCredit
	5	ProformaInvoice
	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

<u>Payment type Enum:</u>	1	CreditCard
	2	Check
	3	MoneyTransfer
	4	Cash
	5	Credit

Errors Codes

<u>Enum</u>	<u>Category</u>	<u>Code</u>	<u>Information</u>
GeneralError	Server	0	
EmailExists	Document	1	
CustomerNameExists	Customer	2	
InvalidDateRange	Document	3	
UserIsNotValidForClearing	Document	4	
ExternalNumberExists	Customer	5	
NameExists	Customer	6	
ClientDoesntExists	Document	7	
ClearingCompanyUndefined	User	8	
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	
RetainerAlreadyCreatedForThisCustomer	Customer	19	
CustomerNameDoesNotExists	Document	20	
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	DocumentItem	34	
CurrencyServiceUnavailable	Document	35	
CurrencyDoesntExists	Document	36	
ClientIDDoesntExists	Document	37	
TypeOfDocumentDoesntAllowGeneralCustomer	Document	38	

<u>Enum</u>	<u>Category</u>	<u>Code</u>	<u>Information</u>
DocumentItemMissingName	DocumentItem	39	
DocumentItemQuantityCannotBeZero	DocumentItem	40	
DocumentItemPriceCannotBeZero	DocumentItem	41	
EmailsMissing	Document	42	
ServerError	Server	43	
NameAppearsMoreThanOnce	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	
PricesIsNotANumber	Document	69	
BothPricesIsNotANumber	Document	70	
PricesDoesntMatch	Document	71	
MaliciousString	Document	72	
NameTooLong	Customer	73	
CodeTooLong	Document	74	
PriceTooLong	Document	75	
PriceAfterTaxTooLong	Document	76	