PeleCard©

Standardized and secure clearing

Iframe/Redirect

Programmer Manual

Version

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General

Pelecard's new payment page: Iframe/Redirect is a dynamic payment page created out of observing and understanding our client's needs and providing them with the best payment page for them.

Iframe/Redirect features:

- HTML5/CSS3 Dynamic design, enabling our customers to easily create their own payment page design using a URL to their own designed CSS.
- Dynamic fields, enabling complete flexibility in choosing the payment terms.
- Responsive payment page, corresponding to various mobile devices.
- Detailed SandBox allows the programmer immediate checking of the payment page information and results.

You will learn of all these features and more in this interface document in order to get the best results out of Pelecard's payment page.

Tip - You can use sandbox to build your payment page on test mode before going to production

Useful Links

Test\SandBox:

https://gateway21.pelecard.biz/sandbox

SandboxServices:

https://gateway21.pelecard.biz/SandboxServices

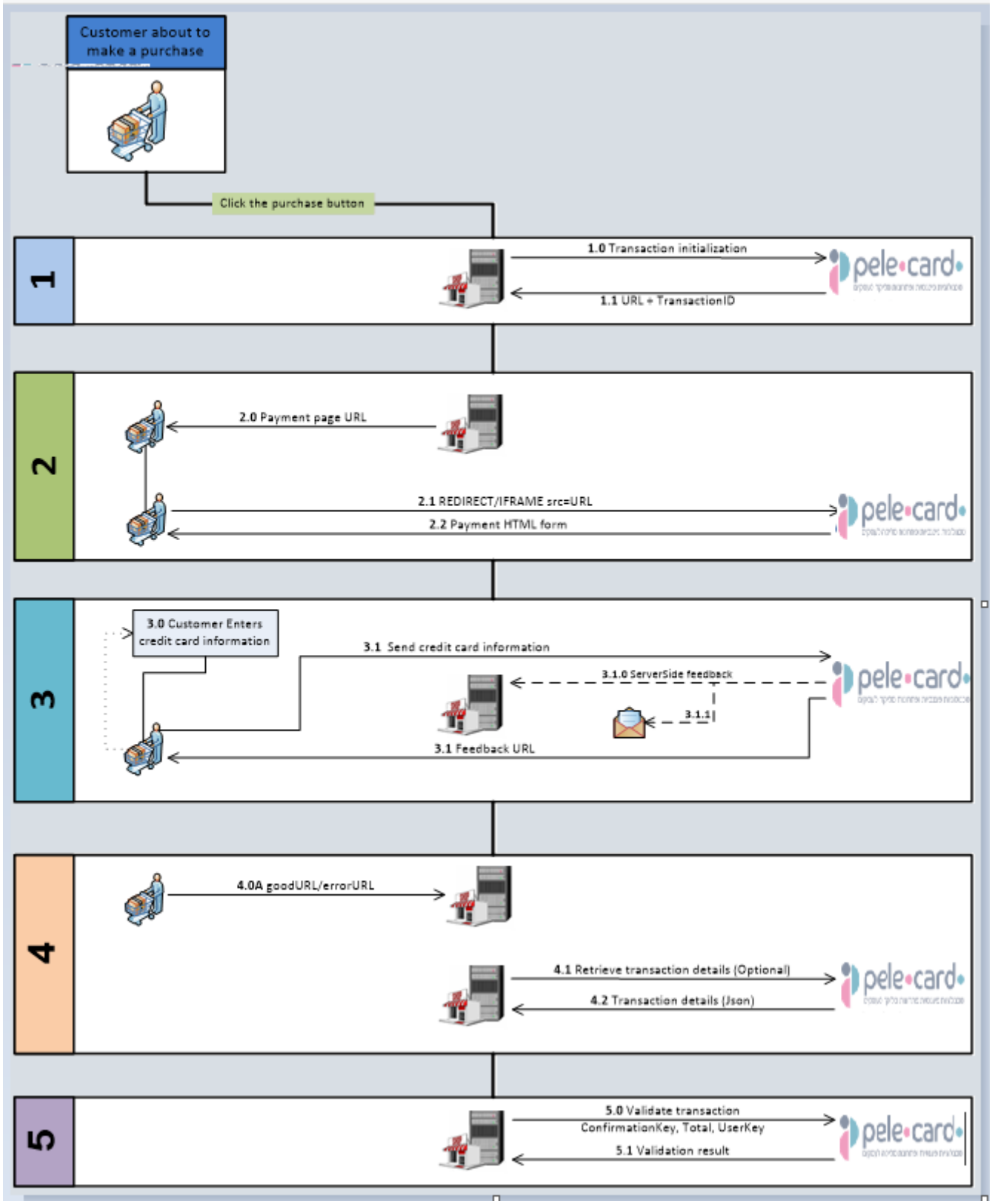
- Use for cases if the process starts on iframe and completed on RestApi
  Example :

  ActionType = J5 (Authorization only) and complete the authorization with CompleteDebitByUid EndPoint .

Error Code List:

https://gateway21.pelecard.biz/Hosting/English Error Messages - Root .pdf

Figure 1: Clearing Process



Clearing Process Overview

1. **Requesting data from Pelecard**
   1.0 Sending parameters in a Json format to https://gateway21.pelecard.biz/PaymentGW/init.
   1.1 Receiving a URL answer (containing TransactionID + URL).

2. **Presenting the client with the payment page:**
   2.0 Entering the URL to the Iframe/Redirect source.
   2.1 Requesting the payment page from Pelecard into the Iframe/Redirect payment page according to the URL.
   2.2 Receiving the payment page HTML to the Iframe/Redirect page.

3. **Entering Credit Card details and executing payment:**
   3.0 Entering Credit Card details and pressing "Pay Now".
   3.1 Sending request to Pelecard with payment details.
      3.1.0 If specified, receive ConfirmationKey and transaction details to a url of your choice – server side.
      3.1.1 If specified, receive ConfirmationKey and transaction details to an Email address of your choice – server side.
   3.2 Receiving Pelecard's answer (Landing page parameters to the Feedback URL).

4. **Landing Page**
   There are 2 options to present the landing page:
   a. The stores landing page – recommended.
   b. Using Pelecard's landing page.

   a. Store's Landing Page:
   If you are **working** with SSL, you can present the landing page within the Iframe or put *True* in the *feedbackOnTop* parameter.

   If you are **not working** with SSL, putting *True* in the *feedbackOnTop* parameter **is obligated!** (See the parameters table).

   b. Move to Pelecard's Landing page and from there to the client's landing page (not in figure 1)
   Requesting Pelecard's *EndOfProcess* page according to *UseBuildInFeedBackPage* (see the parameters table).
   The client can choose to present Pelecard's landing page within the Iframe or in a new page (*feedbackOnTop* parameter).

   If the client works with SSL he can present his landing page within the Iframe, otherwise, the landing page will always be presented in a new page.

Receiving the transaction details in Json format. Example:

```
{
 "terminal": "1234567",
 "user": "JohnDoe",
 "password": "132456789",
 "TransactionId":"1a5b1c-1d1f6g-9h8j"
}
```

Sent as a Post request to https://gateway21.pelecard.biz/PaymentGW/GetTransaction.

5. Identify Transaction:

5.0 The *ConfirmationKey* security mechanism is an advance forgery solution.
Every successful transaction creates a unique key (*ConfirmationKey*) attached to the *UserKey* and to the transaction's *total*.
Before closing the order, the store can validate the transaction by using *ValidateByUniqueKey* action.

5.1 Sending *ConfirmationKey*, *Total*, *UserKey* to https://gateway21.pelecard.biz/PaymentGW/ValidateByUniqueKey.

JSON structure and parameter names:

```
{
 "ConfirmationKey": "1a5b1c-1d1f6g-9h8j ",
 "UniqueKey": "123456789",
 "TotalX100": "100",
}
```

5.2 Receiving an answer for the transaction's identification (1 – Identified, 0 – Error).

- The parameter name in the confirmation JSON is *UniqueKey* because in case there is no *UserKey* (was not sent in the initial JSON) you can perform confirmation using *TransactionId* instead.

Landing Page Parameters Explanation

The landing page receives the following parameters:

1. **PelecardStatusCode**
   Transaction status code.
   If "000" – Success,
   Else – see the Error Code Table

2. **PelecardTransactionId**
   Pelecard's unique Transaction identifier.
   Can be used to fetch the transaction details along with some personal information (Terminal number + UserName + Password).

3. **ApprovalNo**
   Credit card's company approval number (Does not always contain a value).

4. **Token**
   Creates a Token If CreateToken=true (see the parameters table) or as a result from Registration Page (Does not always contain a value).

5. **ConfirmationKey**
   Advanced security mechanism to protect against forgeries.
   Used to identify a transaction. (Paragraph 5 in the clearing process).

6. **ParamX**
   Contains data from the client (see the parameters table).

7. **UserKey**
   Contains the transaction's unique identification from the client.
   Used to identify a transaction. (Paragraph 5 in the clearing process).

- You can get the parameters by POST or by GET according to *FeedbackDataTransferMethod* (see the parameters table).

JSON – Explanation

JSON is an object in a *Key: Value* pairs format.

It is possible to contain a JSON within a JSON (see *SupportedCards* example).

You must build a JSON in the same structure as in the Sandbox.

In .NET - http://msdn.microsoft.com/en-us/library/cc197957%28v=vs.95%29.aspx

In PHP - http://php.net/manual/en/book.json.php

Example: JSON sent by Pelecard:

The parameters in red are necessary for the payment page .

```
"terminal": "0882577012",
"user": "xxxxx",
"password": "xxxxx",
"GoodURL": "https://gateway21.pelecard.biz/sandbox/landingpage",
"ErrorURL": "https://gateway21.pelecard.biz/sandbox/landingpage",
"ActionType": "J4",
"Currency": "1",
"Total": "100",
"CreateToken": "True",
"Language": "HE",
"CustomerIdField": "must",
"Cvv2Field": "must",
"MaxPayments": "12",
"MinPayments": "1",
"MinPaymentsForCredit": "7",
"FirstPayment": "auto",
"ShopNo": "001",
"ParamX": "test payment",
"CssURL": "https://gateway21.pelecard.biz/Content/Css/variant-he-3.css",
"LogoURL": "https://gateway21.pelecard.biz/Content/images/Pelecard.png",
}
```

Example: Answer sent by Pelecard with JSON:


```
{
 "StatusCode":"000",
 "ErrorMessage":"operation success",
 "ResultData":{
      "TransactionId":"111e4629-a057-41f4-858b-550650ba9404",
      "ShvaResult":"000",
      "AdditionalDetailsParamX":"test payment",
      "Token":"",
      "DebitApproveNumber":"0000000",
      "ConfirmationKey":"cfa825d17b15efbd25ce71279eedf111",
      "VoucherId":"11-111-111",
      "TransactionPelecardId":11111,
      "CardHolderID":"123456789",
      "CardHolderName":"",
      "CardHolderEmail":"",
      "CardHolderPhone":"",
      "ShvaFileNumber":11,
      "StationNumber":1,
      "Reciept":11,
      "JParam":4,
      "CreditCardNumber":"11******1111",
      "CreditCardExpDate":"0118",
      "CreditCardCompanyClearer":2,
      "CreditCardCompanyIssuer":2,
      "CreditCardStarsDiscountTotal":0,
      "CreditType":1,
      "CreditCardAbroadCard":1,
      "DebitType":1,
      "DebitCode":50,
      "DebitTotal":100,
      "DebitCurrency":"1",
      "TotalPayments":0,
      "FirstPaymentTotal":0,
      "FixedPaymentTotal":0,
      "shvaOutput":"0000000000045******4580220002121400000000100  000000002011  150
0000000000000000000000000084001016 „†‰…1 \r\n,"
      "CardHebName,"[illegible]":"
      "CreditCardBrand":"2,"
      "ApprovedBy":"0,"
      "CallReason":"3"
      "TransactionInitTime":"01/01/2015 11:11:11",
      "TransactionUpdateTime":"01/01/2015 11:11:11"
      }
}
```


JSON is a dynamic answer! – There might be other parameters sent in addition to the *ResultData* (for example: Tamal, PayPal etc.)

Required Fields

Parameter	Description	Value
User	username	Issued by Pelecard

password	password	Issued by Pelecard
terminal	terminal number	Issued by Pelecard Test terminal for example - 0882577012
GoodURL	The URL for approved transaction. (i)Can also be for denied transcation. Need to consider StatusCode != 0 .	
Total (In agorot)	Payment Sum in Agorot.	100 = 1 NIS
Currency	Currency code	**Currency types**. **Important!** **Credit and Payments transactions allowed in ILS only!** **1 - ₪ NIS (Default)** **2 - $ (US)** **978 - €** **826 - £ (Pound sterling)** (i)**Pelecard supports all types of iso codes currency's.** **It only depends if business credit card company allow the currency required.** **Can send to request the iso code required In addition to currencies above.**

Optional fields

Parameter	Description
ErrorUrl	**Refused result URL** – when transaction fails.
CancelURL	**Cancel URL address**. If the buyer clicks on **Cancel** ⇨ he will be forwarded to this address. -The StatusCode in this case is 555
ActionType	**Action Type**: J2 - Registering the Credit Card and Creating a Token. With the Token you can charge the same card at a later time. J4 - Debit action. (Default) J5 - Approved Transaction.

	Captures the line of credit with the total amount until the debit is sent [J4] transaction). If the captured amount is not consummated (with J4), the captured amount is released according to the shop's agreement with the credit card company. You can make the debit (J4) transaction with the same amount or less then what was captured, but not a higher amount.
QAResultStatus	Allows us to simulate good/error response for transaction. Example: To get a success response we will send 000 To get false response we will send the status code we want to simulate (i)works only on test terminals

Parameter	Description
FreeTotal	**Open Total amount field**. Remark: It True, the field will be displayed next to the original Total amount. The buyer will be able to add the wanted amount. False - Not displayed True - Displayed (i)If required an open total amount field to appear for editing without adding it to the total, you should send the value 0 in the "total" parameter. (i)If required to change the text "Add to Total," refer to the "caption_set" later in the guide.
resultDataKeyName	Name of the key that contains the POST data in the server side feedback. (Optional. Use only when necessary)
ServerSideGoodFeedbackURL	URL address for sending transaction details when transaction is successful - server side. **Remark:** Clients who needs to open specific IP address in their FW, will need to enable 31.168.172.190.
ServerSideErrorFeedbackURL	URL address for sending transaction details when transaction fails from shva - server side. **Remark:** Clients who needs to open specific IP address in their FW, will need to enable 31.168.172.190. **Addional Info about ServerSide Good / ErrorURL**

	• **The POST request to the client server is performed over HTTP/HTTPS on ports 80 or 443 only.** • **Pelecard expects to receive from client's server http response 200. If not , pelecard will try one more time to send post request.** • **There are 2 formats for data transfer:** **Format 1: As a form, where the transaction details are passed as a field. The field name can be defined using the parameter resultDataKeyName. The field value will be a JSON with all the transaction details.** **Format 2: If resultDataKeyName is not defined, the transaction details are passed as JSON, and the entire input must be read.** (i)**It is important to note that in both formats, the ContentType is application/x-www-form-urlencoded.** **Can control the ContentType with parameter ServerSideFeedbackContentType .**
ServerSideFeedbackContentType	By default, Pelecard returns the following header in the server-to-server response: application/x-www-form-urlencoded where the body is JSON. To change the header, you need to send the value: application/json.
NotificationGoodMail	Mail address for sending transaction details when transaction is successful. **The Store mail.** (i)The mail will be sent to the **store**. Do not confuse with the mail address entered by the buyer.
NotificationErrorMail	Mail address for sending transaction details when transaction fails from shva. **The Store mail.** (i)The mail will be sent to the **store**. Do not confuse with the mail address entered by the buyer.
NotificationFailMail	Mail address for sending transaction details when something went wrong during the the transaction process. (i)The mail will be sent to the **store**. Do not confuse with the mail address entered by the buyer.
SapakNo	Send Credit card company supplier Number. Intended for RavMutav terminals only.
CreateToken	**Create a Token**. False – Default.

	True

Parameter	Description
Language	**Choose a language**. To use the English/Russian or any other language written from left to right, first choose the Language (for fixing the writing direction from left to right and vice versa) and change the **CSSURL** to the right CSS (en). HE – Hebrew (Default) EN – English RU – Russian (i)Note that with Caption _set the iframe / redirect fields can be changed to any language required .
NumericInputMode	False - Default True - Opens the numeric keyboard on mobile devices for numeric fields
CaptionExpInput	 False - Displays the current month + one year back in the card expiration field by default. True - Displays the words "month" and "year" by default.

CreditCard	Credit Card Icon on the Payment Page.
	
	The Credit Card icon will appear only when added to iframe another payment option like ApplePay , GooglePay , bit .
	If needed to generate a payment page only with wallet and without Credit Card
	This parameter can be sent with value False.
	
	False – Credit Card Icon will not appear
	True – Default
	
	Json Example :
	
	"CreditCard": {
	"Enable": "false"
	}

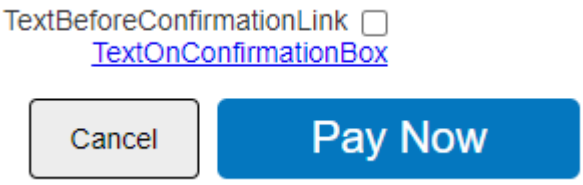
CardHolderName	**Card Holder Name**. Hide - Not displayed (Default). Must - Displayed empty. Mandatory. Optional - Displayed empty. Optional.

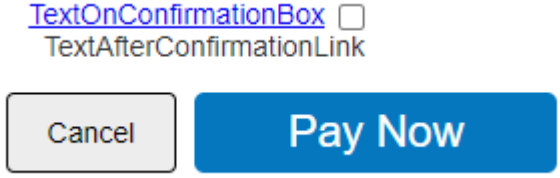
CustomerIdField	**Card Holder ID**. Optional - Displayed empty. Optional (Default). Value - Displayed with the value. Mandatory. Must - Displayed empty. Mandatory. Input Value - The value is transferred from the site. When choosing this option, the field is mandatory.
CustomerAddressField	**Street and house number** Optional - Displayed empty. Optional (Default). Must - Displayed empty. Mandatory. Input Value -The value is transferred from the site. When choosing this option, the field is mandatory.
CustomerCityField	**City** Optional - Displayed empty. Optional (Default). Must - Displayed empty. Mandatory. Input Value -The value is transferred from the site. When choosing this option, the field is mandatory.
CustomerIndexField	**Postal code** Optional - Displayed empty. Optional (Default). Must - Displayed empty. Mandatory. Input Value -The value is transferred from the site. When choosing this option, the field is mandatory.
CustomerCountryField	**Country** Optional - Displayed empty. Optional (Default). Must - Displayed empty. Mandatory. Input Value -The value is transferred from the site. When choosing this option, the field is mandatory.
Cvv2Field	**CVV field** (3 digits at the back of the credit card. If Amex – 4 digits in the front of the credit card). Optional - Displayed empty. Optional (Default). Must - Mandatory. Hide - Not displayed.
EmailField	**Card Holder Email** Hide - Not displayed. (Default). Value - Value Displayed in the field. Mandatory. Must - Displayed empty. Mandatory. Optional - Displayed empty. Optional. (i)Pelecard returns the mail address to the site. It is the programmer's responsibility to use this mail address and send the purchaser an informative mail to.

BusinessNumber	**BusinessNumber** hide - Not displayed. (Default). Value - Value Displayed in the field. Mandatory. must - Displayed empty. Mandatory. optional - Displayed empty. Optional.
TelField	**Card Holder Phone Number** Hide - Not displayed. (Default). Value - Value Displayed in the field. Mandatory. Must - Displayed empty. Mandatory. Optional - Displayed empty. Optional. (i)There is an option to decide which validation TelField will have by sending RegEx. **Example**: **"Regex": {** **"Enable": "true",** **"TelField": "^[\\+]?[(]?[0-9]{3}[)]?[-\\s\\.]?[0-9]{3}[-\\s\\.]?[0-9]{4,6}$"** **}**
SplitCCNumber	**Card Number field divided to 4 groups of 4 digits.** False - (Default) True
ReadOnlyFields	**Option to set a field as a read-only field with no change option, available fields:** • **CardHolderName** • **CustomerAddressField** • **CustomerCityField** • **CustomerIdField** • **CustomerIndexField** • **CustomerCountryField** • **EmailField** • **TelField** **Json Example :** **"ReadOnlyFields": {** **"CardHolderName": "True",** **"CustomerIdField": "True"** **}**

	(i)Notes : **-if some field configured as ReadOnly the original field should also appear in payment page INIT request with some Input value.** **if the original field wasn't sent to iframe INIT then the following error will occur :** **'Read only fields validation error 015' in payment page.** **-if some field configured as ReadOnly field and the original field have Optional or Must and not some Input value then the following error will occur on payment page INIT request and an URL will not be generated :** **{"ErrCode":999,"ErrMsg":" Error : CustomerAddressField has no input value and CustomerAddressField ReadOnlyField is true"}**
FeedbackOnTop	**Landing page after committing the transaction – Iframe only!** False - Referral within the Iframe page (Default). True - Referral in the hosting page. Sites without SSL that want a landing page within the Iframe will enter True in the *UseBuildInFeedbackPage* field. After opening Pelecard's landing page within the Iframe, the buyer will be redirected to the GoodURL in the Hosting Page (outside the Iframe).
FeedbackDataTransferMethod	**The method which the parameters will be transferred to the landing page** GET - Integrated in the URL (Defualt). POST - Transferred as a form.
UseBuildInFeedbackPage	**Present Pelecard's Landing Page at the end of the transaction.** False - The buyer will be redirected to the stores GoodURL/ErrorURL at the end of the transaction (Default). True - Presents a standard approval/refusal transaction page. Pressing the confirm button will redirect the buyer to the stores GoodURL/ErrorURL.
Parameter	**Description**
MaxPayments	**Maximum Payments.** 12 – Default.
MinPayments	**Minimum Payments.** 1 – Default. If the minimum and maximum payments is 1 – the field will not be displayed.

	If the minimum and maximum payments are the same and bigger then 1 – you must also enter Minimum payments for credit.
MinPaymentsForCredit	**Defining a Credit Type Payment.** The number represents the minimal payments required to determine the transaction as a Credit Payment Transaction. Set according to the agreement with the credit card company. • If you want to deny the credit payments options, enter a value greater then the maximum payments value. • If you enter 0 or "null" - the transaction will be **payments transaction only** (and not credit transaction).
FirstPayment	Auto - Automatically calculated (Default). Closed for editing. Manual - The field is open for buyers editing. XXX(number) - Minimal payment amount - open for buyers editing. The primal amount must be lower from the purchase amount.
DisabledPaymentNumbers	Disable a number of payments that you don't want to use. Example If we configure 12 payments and we don't want to let our client pick 2 payments , we need to send DisabledPaymentNumbers=2 .
AuthNum	**Approval Number** Send an approval number (if exists).
ShopNo	**Shop/Cash Register number** 001 - Default (up to 999 shop numbers).
ParamX	**Additional Details** 19 characters Max. Numbers or small caps English letters only. Helps in tracking, identifying and matching transactions.
ShowXParam	**Show Additional Details in the Payment Page** False - Default True
AddHolderNameToXParam	**Add Card Holder Name to Additional Details** False - Default True Separated with '#'.
Parameter	**Description**
UserKey	**Unique transaction identifier – Client side** Up to 50 characters. Enables validation at the end of the payment process combined with ConfirmationKey.
SetFocus	**Focus on a Payment Page field** Empty - No Focus (Default)

	CC - Focus on Credit Card Number CCH - Focus on Credit Card Holder (Make sure that Credit Card Holder's field is not in *Hide*).
CssURL	**Hyper Link to a CSS file – implementing a custom made design** If not entered, uses Pelecard's default CSS. **(i)Must send the CSS url to pelecard support for adding it to white list**
bussiness_name	**Business name or any other important text that needs to be added.** **The text will appear above parameter TOPTEXT .**
topText	**Upper Header**
BottomText	**Lower Header**
LogoURL	**Link to the stores Big Logo File** **(i)Must send the Logo url to pelecard support for adding it to white list**
CvvImageUrl	**URL to the image that will appear when you click on the i next to the card verification code**
ShowCofirmationCheckBox	**Confirmation Check Box** False - Does not appear. Default True - Display the Checkbox. Not checked. Mandatory. Checked - Like True, Checked as default.
TextOnConfirmationBox	**Free text that will be displayed to the buyer to confirm the purchase.** When entering the URL to the ConfirmationLink the field value will become a hyperlink to that URL.
ConfirmationLink	**TextOnConfirmationBox Hyperlink Address** If TextOnConfirmationBox is empty, the hyperlink will not be created.
TextBeforeConfirmationLink	**The text that will be displayed before the value entered in TextOnConfirmationBox for example:** 
TextAfterConfirmationLink	**The text that will be displayed after the value entered in TextOnConfirmationBox if was configured as a ConfirmationLink (Hyperlink) .** **Example :**

	
OpenConfirmationBoxInModal	**Opens the regulations page that was given in ConfirmationLink (HyperLink) inside the payment page if true is marked, otherwise,** **Opens in a new tab** False - Opens in a new tab (Default) True - Opens inside the payment page
HiddenPelecardLogo	**Presenting/Hiding Pelecard's Logo** False - Displays the logo(Default) True - Not displayed
AllowedBINs	**List of BIN numbers to Allow use of certain cards.** **Only CreditCards that match the list will be charged.** **Example: 520041, 458045.** **Can be define a character ? which serves as a mask and can be any digit on the tested card** **Example: 52?041 4580?5**
BlockedBINs	**List of BIN numbers to restrict use of certain cards.** **Only CreditCards that don't match the list will be charged.** **Example: 520041, 458045.** **Can be define a character ? which serves as a mask and can be any digit on the tested card** **Example: 52?041 4580?5**
InfoBINs	**List of BIN numbers for notification when they have been used.** **When a card matching the list is charged, the infoBins parameter** **will return with a True value any card not in the list will return False.** **(i)The InfoBins Parameter will be returned in ServerSideFeeback Json and in GetTransaction Response.**
SupportedCards	**Determine the Logo display of the Supported Cards** False - The supported card will not be displayed. True - The supported card will be displayed. "SupportedCards": { "Amex": "False", "Diners": "False",

	"Isra": "False", "Master": "False", "Visa": "False" }
EmvPinpad	**An option for charging with Pinpad** False - No button is displayed (Default) True - A button will be displayed (i)Note that if there is more then one pinpad should also send parameter ShopNo with the shop number that configured on Pinpad. The Pinpad Shop Number is configured by pelecard support team . Example : "ShopNo":"002" .
Parameter	**Description**

CustomCanRetrayErrors	An array of error codes recognized by SHVA and give the customer the possibility of leaving the user the same page without redirecting to the beginning of the process with an error text that the customer chooses the same error code.
	Error codes enabled in addition to the error codes that are already enforced today by us and they will remain on the same page as the user (step 3 in the clearing process) for example: credit card number. The new parameter is set as follows:
	• Note Code error code field should be without the leading zeros.
	"CustomCanRetrayErrors":
	[{
	"Code": "6",
	" Description ": " לא תקינים CVV תעודת זהות או "
	},
	{
	"Code": "7",
	"Description": "קוד אישור אינו חוקי "
	}]

OrderDetails	**Product/Transaction Description** You can send up to 5 Text Lines (TextLine1…5).

		Every Text Line will be displayed in a different line. It is Recommended NOT to use HTML tags (it is not guaranteed that the HTML tags are supported in all browsers).
Accessibility Mode		Accessibility mode for iframe redirect False - Default. True - Display Accessibility mode .
Accessibility Header		The header that will be shown when Accessibility mode value is True
UserData	UserData1 UserData2 UserData3 UserData4 UserData5 UserData6 UserData7 UserData8 UserData9 UserData10 UserData11 UserData12 UserData13 UserData14 UserData15	**Free text fields.** These fields are not sent to SHVA. These fields return with transaction details.

CaptionSet

Fields for entering different languages.
Mark ✓ in the Captionset box and enter the text you want.
You can change the field names in English or any other desired language.
In order to control the right direction – Choose the language (English/Hebrew) in –*Language* and enter the right CSS.

Parameter	Description	
CaptionSet	Empty - Default. ✓ - Fill the fields with the desired language (The translation is the shop'sresponsibility). After filling the caption fields this will be the page's default language.	
	cs_header_payment	"Payment By Credit Card"
	cs_header_registeration	"Registration By Credit Card"
	cs_holdername	"Card Holder Name"
	cs_cardnumber	"Credit Card Number"
	cs_expiration	"Expiration Date"

	cs_id	"Id / SSN / Passport"
	cs_cvv	"CVV"
	cs_payments	"Number of payments"
	cs_xparam	"Additional Details"
	cs_total	"Total"
	cs_supported_cards	"Cards accepted as payment on this website"
	cs_orderdetails	"Order Details"
	cs_generaldetails	"General Details"
	cs_mustfields	"Mandatory Fields"
	cs_submit	"Pay Now"
	cs_paypal_btn	"Pay With PayPal"
	cs_cancel	"Cancel"
	cs_eop_status_good	"Transaction made successfully"
	cs_eop_status_bad	"Transaction failed"
	cs_eop_goto_site	"To go back to the site click here "
	cs_eop_free_text	"Free text in transaction page"
	cs_free_total	"Add to total"
	cs_first_payment	"First payment"
	cs_each_payment	"Each payment"
	cs_email	"Email"
	cs_phone	"Phone"
	cs_credit	"(Credit payments)"
	cs_approval_no	"Approval Number"
	cs_voucher_no	"Voucher Number"

Payper - Invoice

-The parameters in red are mandatory for the purpose of producing a document (an explanation is attached to each parameter).

-Pelecard don't calculate VAT so The amounts sent should be after VAT.

-The price of the products should be the same as the Total parameter sent to iframe.

-All the price values are in cents (include dicount price)

Field	Description	Value
typeDocument	Document type	Proforma Invoice Invoice-Receipt Credit Receipt Bid
document_lang	Document language	hb – Hebrew (default) en – english
document_payment_due_date	Deadline for payment: Applicable for document types : Invoice, Proforma Bid.	Date Format : dd-mm-yyyy
customer_unique_id	Id or Business Number of customer	Mandatory if not have customer_mail There is an option to change setting from payper back office system.
customer_mail	Customer Email	Mandatory if not have customer_unique_id There is an option to change setting from payper back office system.
customer_name	Customer name	
customer_mobile	Customer cell phone number	
customer_business_phone	Customer phone number	
customer_address	Customer address	

Iframe/Redirect – Interface Document

Field	Description	Value
document_subject	Document subject	
reference_document_id	document_system_id of the source transaction	document_system_id received on any type of document in response.
document_remarks	Document Remarks	
send_by_mail	Send an Email to customer	True / False Default:False
document_rounded	Rounding document price	True / False Default:False
document_no_vat	Document without VAT	True – without VAT False – Including VAT Default:False
Discount_with_vat	Discount price of document	
extra_recipients	Additional email addresses for sending the document, separated by commas (relevant and send_by_email is sent TRUE)	test@test.co.il,test1@test.co.il
developer_email	Email to receive Api Errors	
income_id	Defines the invoice with a revenue type. (For a supported company only, an income ID can be obtained from the system settings)	Numerical value. On the 'income management' screen in the Payper system You can get an interface ID for an established revenue type and send it in this parameter.
invoice_lines	Array of products for the invoice	Description – Quantity – Price_per_unit Catalog_id(can be null) – **Include_vat = true/false (1)** No_vat = true/false

Field	Description	Value
		(1)if wants that specific product will be without VAT the value will be false and need to add parameter No_vat with value true .

Payper Errors	
Invoice Result	**Description**
Result : 146 Invoice creation error	קיים חוסר התאמה בין סכום התקבולים לסכום התשלומים -Need to check that the total is equal to invoice amount. -IF it's a VAT document check parameter INCLUDE_VAT = True
Result : 111	Unknown ip address -Check ip address on Payper API settings (also that it without spaces) https://app.payper.co.il/login
Result : 110	Unauthorized credentials Check username on Payper API settings https://app.payper.co.il/login
Result : 146 Invoice creation error	Invoice creation error: שים לב, תחילה יש להשלים הגדרות ראשוניות להפקת מסמכים -Check 'ספרור מסמכים' setting on Payper document creation setting https://app.payper.co.il/login
Result : 126	Reference Invoice not found

	When sending reference_document_id the value should be the Document_system_id

PayperData have no values
 	
"PayperData": {
"InvoiceStatus": "",
"InvoiceLink": "",
"InvoiceNumber": "",
"RawResponse": ""
}
	Call support 036579500 –Payper may not be allowed in pelecard

An example of json billing Request + creating an invoice: (the parameters in red are mandatory)


```
{
"terminal": "0882577012",
"user": "xxxxx",
"password": "xxxxxxxxxx",
"Currency": "1",
"Total": "100",
"GoodURL": "https://gateway21.pelecard.biz/sandbox/landingpage",
"PayperParameters": {
"typeDocument": "Invoice-Receipt",
```

```
 "DataPayper": {
  "document_lang": "he",
  "customer_unique_id": "123456789",
  "customer_mail": "op@pelecard.co.il",
  "customer_name": "pelecard",
  "customer_mobile": "0544444444",
  "customer_business_phone": "036579500",
  "customer_address": "דרך עדן 9 ראשון לציון",
  "document_subject": "נושא המסמך",
  "document_remarks": "הערות למסמך",
  "send_by_mail": "true",
  "document_rounded": "false",
  "document_no_vat": "false",
  "income_id": "335",
  "invoice_lines": [
   {
    "description": "מוצר 1",
    "quantity": "1",
    "price_per_unit": "100",
"include_vat": "true",
“No_vat”: ”false”,
    "catalog_id": "1111",
   }
  ],

 }
}
```

}

PayPal

This guide explains how to connect to PayPal and the process from end to end.

Pelecard-PayPal – Interface Purpose

The interface purpose is to allow the client to interact and make transactions through PayPal.

PayPal is an online payment service system that allows the surfer to make purchases and transfer money online safely and reliably, without giving credit card and personal information.

Website owners who wish to give their customers a choice of payment, may allow payment in PayPal easily and quickly, as well as credit cards - using PeleCard systems.

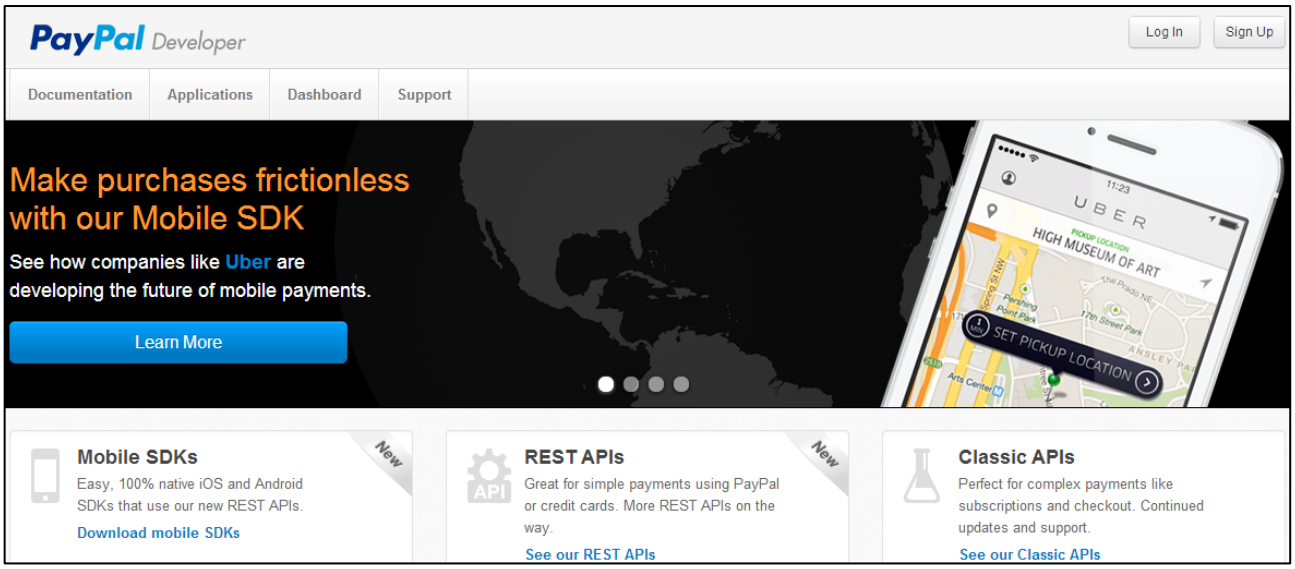
By using PayPal with Pelecard's systems – Website owners have an added value of seeing the payments made with PayPal on Pelecard's Reports System, providing full tracking of both credit card and PayPal transactions.

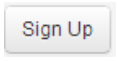
Opening a PayPal Sandbox Account

PayPal Sandbox Account is a test account that allows you to make test transactions with PayPal.

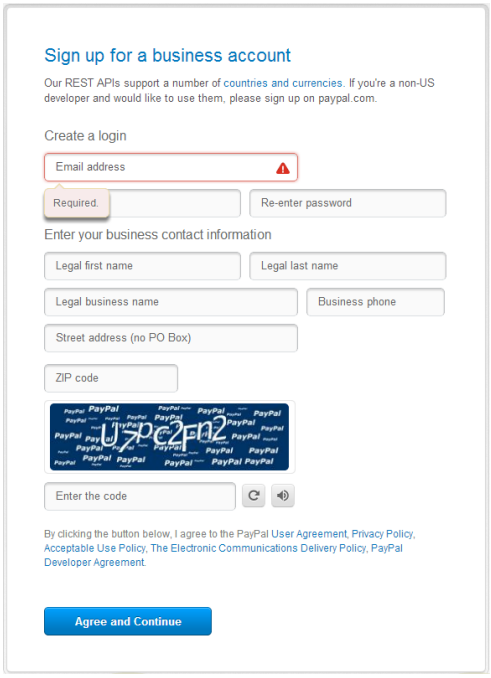
Attention:
The sandbox account is for tests only!
Do not make real transactions with the sandbox account.

1. Click on https://developer.paypal.com/



2. Click  to sign up.

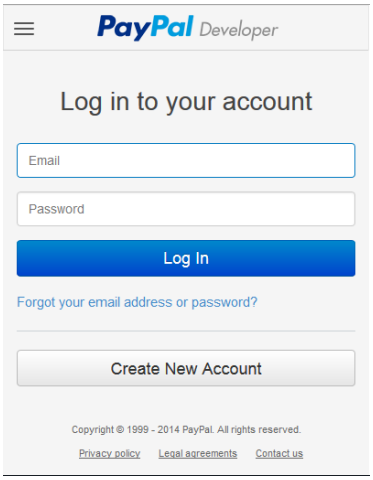
You will be presented with the following page:



3. Fill the connection details and press to continue.

4. At the end of the registration return to https://developer.paypal.com/

   You will be presented with the following page:

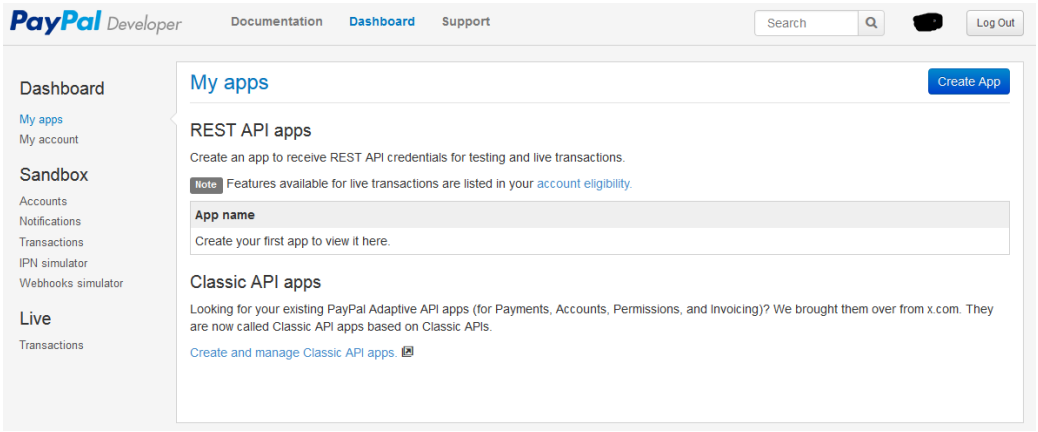


5. Fill in the user details and press to continue.

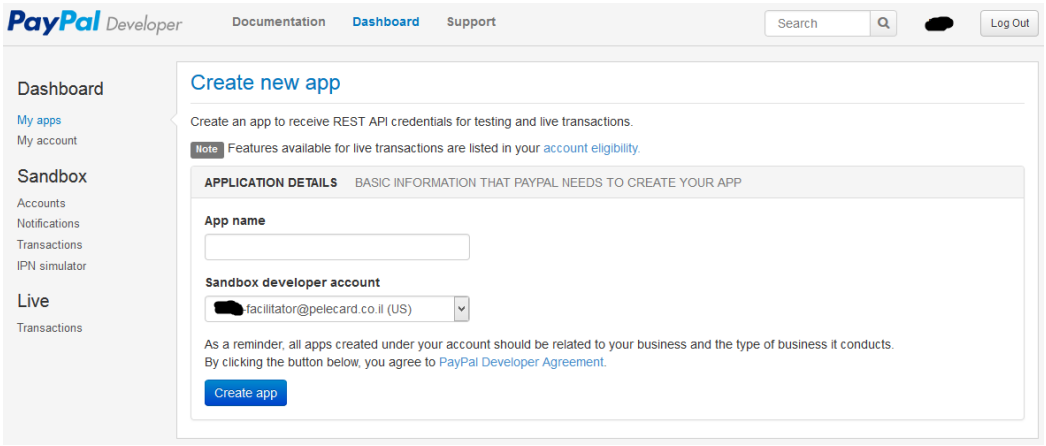
   Important!
   Remember (save) the LEGAL BUSINESS NAME – you will need it all through your tests.

Capture the screen and save it… in case you will need it later.

The following page will appear: (If you are redirected to the main PayPal page, press the "DashBoard" tab at the top of the page)

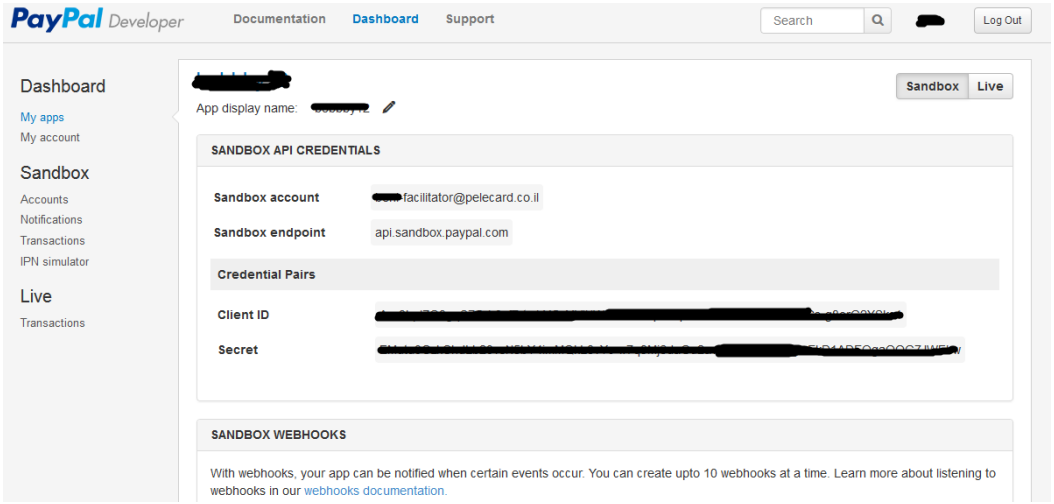


6. Press the Create App button.
The following page will appear:

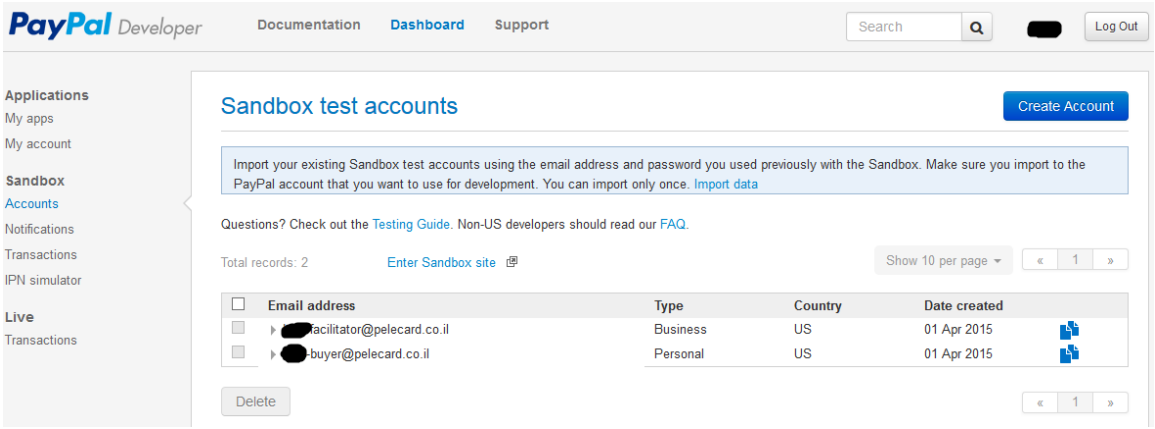


You need to create a mock "App" in order to receive your API credentials from PayPal.
Choose a name for your "App". PayPal will automatically use your Facilitator account that was created with your new account (Further explanations on the Facilitator in page 26).

7. Press the Create App button.



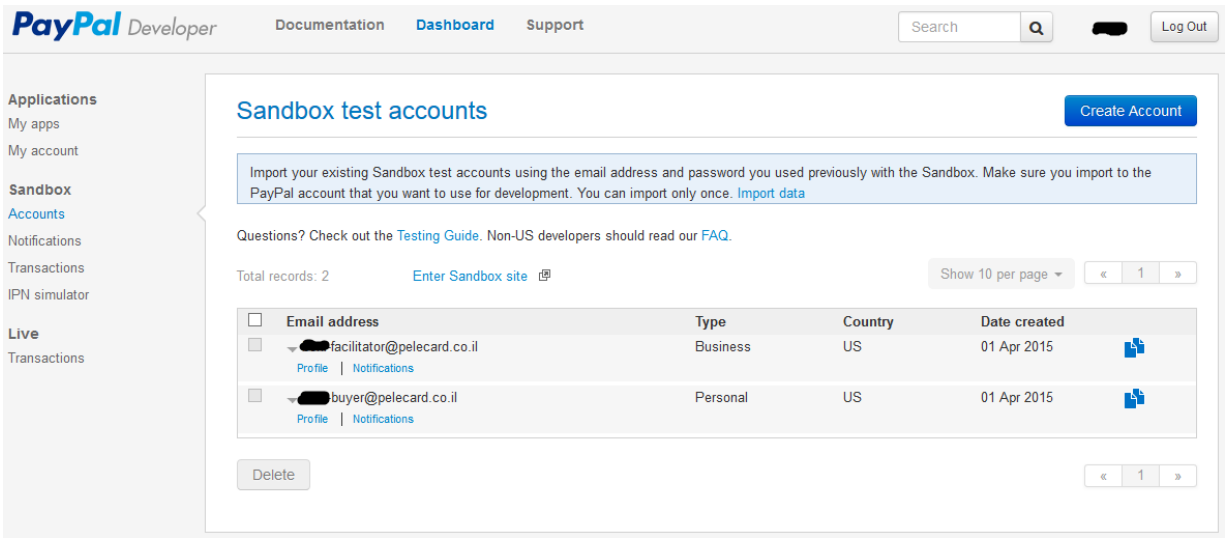
8. Press the Accounts tab on the left side of the page.
   You will receive the following page:



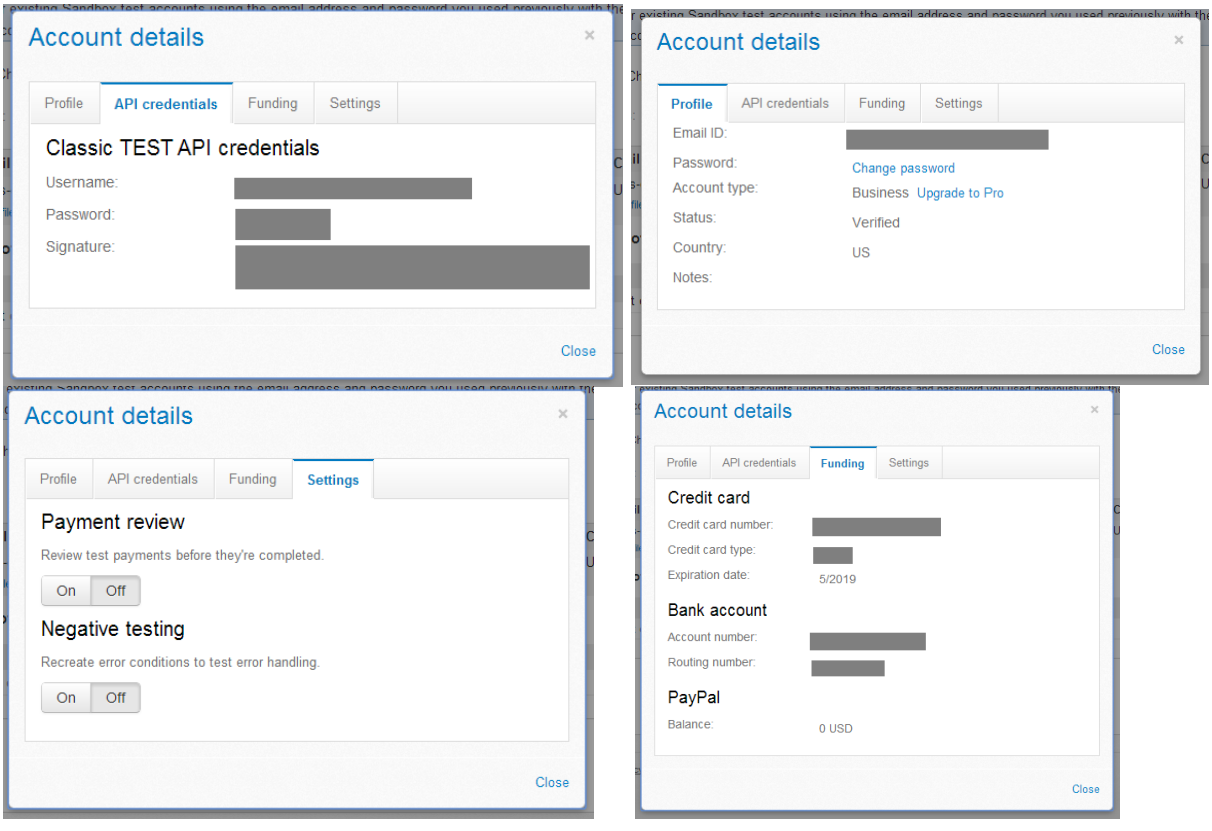
PayPal has automatically created 2 testing accounts for you:

- Facilitator – Your "Sales" account that you will use for your API credentials that Pelecard needs in order to work with PayPal.
- Buyer – Your "Buyer" account that you will use for the debit information during payment testing.

9. Pressing the account name will open the following links:



10. Pressing Profile will present all the details you need:



11. By pressing Notifications we will be able to see emails and messages.

12. Now we can start building the system.

Work Process with PayPal

1. You will be able to link with PayPal with the first request Json.

   All the transaction parameters will be transferred with this Request.

   Assuming all the parameters are correct, a "PAY WITH PayPal" button will be displayed in the payment page near Pelecard's "PAY NOW" button.

2. The Buyer will press the "PAY WITH PayPal" button (The button text will be entered in the *PaypalBtnText* field) and will be transferred to PayPal to execute the payment.

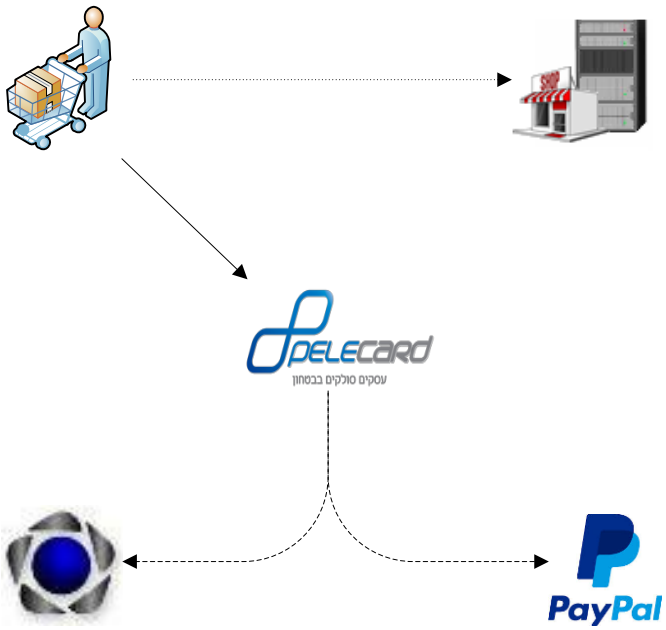
3. After the payment with PayPal, the data will be transferred to the landing page according to the *FeedbackDataTransferMethod* field (see the parameters table).

4. The buyer will be redirected to the landing page (according to the landing parameters chosen).

5. The site must verify the transaction result and the "Success" answer.

   A success transaction will be registered in Pelecard's report system with indication that the transaction was via PayPal.

   A failed transaction will not be registered in the Pelecard's report system.



Window parameters:

- **Mandatory parameters**

Field name (in Post)	Description
user	PayPal User Name
password	PayPal Password
Signature	Signature According to the account settings on PayPal
INVNUM	Internal ID number. Usually invoice number.
VALIDATELINK	Server side indication address.
CANCELURL	Return/Cancel address.
HDRIMG	Top Image - displayed the banner at the top of the payment screen. Maximum size 90x750 px.
LOGOIMG	Company Logo - Displayed at the payment page top left corner, over the payment details. Maximum size 60x190 px.
BRANDNAME	Business name.
ENVIRONMENT	Environment: 0 – Sandbox (test) 1 – Production **Important!** 1. You must open a Sandbox account in order to work with the test environment. 2. You must open a "real PayPal account" in order to work in the production environment.
CUSTOMERSERVICENUMBER	The business customer service phone.
AMT	Total payment sum in xxx.xx format. It's possible to pay with NIS, $, €
CURRENCYCODE	Currency code ILS – NIS USD - $ EUR - €
LOCALCODE	Language: US – English RU – Russian FR – French He_IL - Hebrew
DESC	Payment description – prodcuts/services details.
PaypalText	Text to display under the PayPal pay button

Exmple of Paypal Json(Mandatory parameters):

```
"Paypal" : {
"  User": "serg_stern-facilitator_api1.yahoo.com,"
"  PassWord": "1381907892,"
"  Signature": "AGFylK6s59NBDWEheDiE6fMmb3sYAq9jXHFJ14ofB6dO8gGtw09DpWLF,"
"  INVNUM": "a716976f9cc70757adec7329b00c9ae1,"
"  RETURNURL": "https://gateway.pelecard.biz/post/landingpage.aspx,"
"  VALIDATELINK": "http://pelecard.tool.co.il/res.php,"
"  CANCELURL": "http://pelecard.com,"
"  HDRIMG": "https://gateway.pelecard.biz/Content/images/PpBigLogo.jpg,"
"  LOGOIMG": "https://gateway.pelecard.biz/Content/images/PpSmallLogo.jpg,"
"  BRANDNAME,"שם העסק" :"
"  ENVIRONMENT": "0,"
"  PAYMENTACTION": "sale,"
"  CUSTOMERSERVICENUMBER": "036579500,"
"  AMT": "100,"
"  CURRENCYCODE": "ILS,"
"  LOCALECODE": "he_IL,"
"  DESC": "bla bla,"
"  PaypalText,"הדרך המהירה והבטוחה יותר לשלם באינטרנט מבלי לחשוף את פרטי כרטיס האשראי" :"
"  PaypalBtnText שלם באמצעות" :"Pay-Pal"
{
```

PayPal Response

At the end of the payment process, the client is redirected to the page defined at the GoodUrl & ErrorUrl parameter.
The payment details are sent by GET or POST.

Important!
It is important to perform validation on the server via ConfirmationKey in order to locate and invalidate fake transactions/orders (stage 5 in the clearing process).

Response Parameters:

Field name (in Post)	Description
INVNUM	Random Internal ID. When using the Sandbox, create a new number in every transaction by double click the field.
REPORTUPDATESTATUS	Transaction update status in Pelecard's Report System: 000 – OK Any other status (not 000) Represents an Error.
VALIDATE_ST	Server side call status as per VALIDATELINK parameter: Ok: Success. Error: Failed. Please contact Pelecard.
TOKEN	PayPal's execute transaction token.
SUCCESSPAGEREDIRECTREQUESTED	Always False.
TIMESTAMP	Transaction time in TIMESTAMP format.
CORRELATIONID	PayPal's unique transaction identifier.
ACK	Action Status: If = Success and PAYMENTINFO_0_ACK = Success then Payment Success. Else: No payment was made and the client was not charged.
VERSION	Interface version
BUILD	
INSURANCEOPTIONSELECTED	Yes ⇨ If the buyer chose the insurance option. No ⇨ If the buyer did not choose the insurance option
SHIPPINGOPTIONISDEFAULT	Yes ⇨ If the buyer the default shipping option. No ⇨ If the buyer did not choose the default shipping option.
PAYMENTINFO_0_TRANSACTIONID	Transaction ID - (For inquiries and future use). **It is recommended to save the ID.**
PAYMENTINFO_0_TRANSACTIONTYPE	Interface type operated with PayPal. In the current version: *expresscheckout*.
PAYMENTINFO_0_PAYMENTTYPE	Payment Type. Instant: Immediate payment.
PAYMENTINFO_0_ORDERTIME	Transaction time in TIMESTAMP format (for a product).
PAYMENTINFO_0_AMT	The total amount the buyer was charged.
PAYMENTINFO_0_TAXAMT	Current version: 0
PAYMENTINFO_0_CURRENCYCODE	Currency code: ILS: Israeli shekel USD: US Dollar EUR: Euro
PAYMENTINFO_0_PAYMENTSTATUS	**Payment Status:**
	None — Status does not exist.

Field name (in Post)	Description	
	Canceled-Reversal	Cancel action was revoked. The current version does not support Refunds.
	Completed	Payment completed.
	Denied	Nor paid, Payment is Pending.
	Expired	Transaction date expired.
	Failed	Payment failed (If the payment was made from the client's bank account).
	In-Progress	The transaction is not finished.
	Partially-Refunded	Partial refund was maid. The current version does not support Refunds.
	Pending	Suspended. See suspension reason in PAYMENTINFO_0_PENDINGREASO
	Refunded	Refund was made. The current version does not support Refunds.
	Reversed	Payment cancelled, the money was returned to the client. See reason in PAYMENTINFO_0_REASONCODE. The current version does not support Refunds.
	Processed	Payment received.
	Voided	Identification failed.
	Completed-Funds-Held	Payment received. The money was added to the PayPal account.

Field name (in Post)	Description	
PAYMENTINFO_0_PENDINGREASON	Only if PAYMENTINFO_0_PAYMENTSTATUS returned as Pending.	
	None	No suspension reason
	address	Shipment address was not entered. As per "Payment Receiving Preferences" definitions.
	authorization	Payment was not approved. Obligo must be captured first. Obligo Capture is not supported in the current version.
	echeck	Payment was made with an electronic check that was not yet cleared.
	intl	The client does not have specified clearing mechanism. Payment must be made manually from the account page.
	multi-currency	There is no account for the currency that was sent. Payment must be made manually. Automatic conversion mechanism can be set in - *Payment Receiving Preferences*
	order	The payment is part of the order, approved but not paid.
	paymentreview	Waiting for PayPal approvement.
	regulatoryreview	Payment is under authorities check (24 to 72 hours).
	unilateral	Payment was made against a not yet verified email address.
	verify	Merchant account not yet verified.
	other	Payment was suspended from other reasons. Please contact PayPal.

Field name (in Post)	Description	
PAYMENTINFO_0_REASONCODE	Cancellation cause. The current version does not support Refunds	
	none	Unspecified.
	chargeback	The client initiated *chargeback*
	guarantee	Under guarantee
	buyer-complaint	Returned as per buyer complaint.
	refund	Refund.
	other	Other.
PAYMENTINFO_0_PROTECTIONELIGIBILITY	Protection policy for current transaction (up to ver. 64.4)	
	Eligible	Protected by: PayPal's Seller Protection Policy for Unauthorized Payments and Item Not Received.
	PartiallyEligible	Protected by: PayPal's Seller Protection Policy for Item Not Received.
	Ineligible	Unprotected.
PAYMENTINFO_0_PROTECTIONELIGIBILITYTYPE	Protection policy for current transaction (Values separated by commas) (Over 64.4 Ver.)	
	Eligible	Protected by: PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received.
	ItemNotReceivedEligible	Protected by: PayPal's Seller Protection Policy for Item Not Received.
	UnauthorizedPaymentEligible	Protected by: Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment.
	Ineligible	Unprotected.
PAYMENTINFO_0_SECUREMERCHANTACCOUNTID	Dealers PayPal account number.	
PAYMENTINFO_0_ERRORCODE	PayPal error code for current payment	
PAYMENTINFO_0_ACK	Transaction status. If Success and ACK=Success ⇨ Payment succeeded. Payment was not made and the client was not charged.	

Error codes – PayPal

To see PayPal's Error codes press the following link:

https://developer.paypal.com/webapps/developer/docs/classic/api/errorcodes/#id09C3E1009E9

Appendix A - Parameters table (Output)

Name	Description
StatusCode	Action status code
ErrorMessage	Error message (succesfull when status code is “000”)
PelecardTransactionId	Pelecard transaction id
VoucherId	Voucher number
ShvaResult	Shva resust status
ShvaFileNumber	Shva file number
StationNumber	Station number (001-999)
Reciept	Record number in the shva file
JParam	The action type
CreditCardNumber	A masked credit card number
CreditCardExpDate	Credit card expiration date
CreditCardCompanyClearer	**Credit card clearing company** 1 – Isracard 2 – Visa CAL 5 – Tranzilla 6 – Leumicard 7 - Cardcom
CreditCardCompanyIssuer	**Credit card issuing company** 1 – Isracard 2 – Visa CAL 3 – Diners 4 – American Express 5 – Tranzilla 6 – Leumicard 7 – Cardcom
CreditCardStarsDiscountTotal	Total by credit stars amount
CreditType	**Credit type** 1 – Regular 2 – Isracredit, Amex credit, Visa preferred/ +30, Diners preferred/+30 3 – Immediate debit 4 – Club credit 5 – Super credit 6 – Credit/Regular payments credit 8 – Payments 9 – Payments club deal **Remarks:**

Name	Description
	1. When credit type is Visa it is valid in CAL and in Leumicard 2. Amex means American Express
CreditCardAbroadCard	**Abroad card indication** 0 – Israeli 1 – Tourist 2 – Gas 3 – immediate debit 4 – Gift/Chargeable (excluding Gift/Chargeable card issued by Visa CAL at this point in time
DebitType	**Debit type** 00 – Blocked card 01 – Regular mandatory deal 02 – Approved mandatory deal 03 – Forced deal 51 – Privileged deal 52 – Cancellation deal 53 – Privileged approved deal
DebitCode	**Debit code** 00 – Regular deal 01 – Self-service 02 – Gas station self service 05 – Contactless 06 – Self-service contactless 50 – Phone deal 51 – Signature only deal
DebitTotal	Total in agorot
DebitApproveNumber	Approval number
DebitCurrency	**Currency Type.** 0 – ISO (Foreign currency) 1 – New Israeli Shekel 2 - $ 3 – €
TotalPayments	Total number of payments
FirstPaymentTotal	Total of first payment
FixedPaymentTotal	Total of fixed payment (for every payments after the first one)
AdditionalDetailsParamX	ParamX content (Open text up to 19 characters)
CardHebName	Credit card Hebrew name
CreditCardBrand	**Credit company brand** 0 – Private issuing company card (PL)

Name	Description
	1 – MasterCard 2 – Visa 3 – diners 4- American express 5 – isracard 6 – JCB 7 - Discover 8 – Maestro
Token	Token representing credit card information (credit card number + expiration date)
DayInMonth	Day in month when the deal was created
RecSource	The details record source (File/Backup file)
SapakMutavNo	Rav Mutav/Sapak number
Time	Creation time
ClubCode	Club code
SapakimMutavim	**Rav mutav/sapak** 0 – Regular 1 – Rav sapak 2 – Rav mutav
TranCode	**Transction structure code** 0 – Regular 1 – special credit 8 – Payments 9 – Vehicle fleet gas deal
BroadcastDate	Broadcast date to shva
BroadcastNo	Broadcast number
CreatedDate	Deal creation date
Source	**The Muhlafim file source:** 1 – Isracard 2 – VisaCal 6 - Leumicard
ActionDescription	A description for the performed action.
NewCardNumber	New credit card number after the replacement action.
NewExpirationDate	New Expiration date after the replacement action.
FileName	The Muhlafim file name

Appendix B – Error Code List

Error	Remarks
000	Permitted transaction.
001	The card is blocked, confiscate it.
002	The card is stolen, confiscate it.
003	Contact the credit company.
004	Refusal by credit company.
005	The card is forged, confiscate it.
006	Incorrect CVV/ID.
007	Incorrect CAVV/ECI/UCAF.
008	An error occurred while building access key for blocked card files.
009	No communication. Please try again or contact System Administration
010	The program was stopped by user`s command (ESC) or COM PORT can't be open (Windows)
011	The acquirer is not authorized for foreign currency transactions
012	This card is not permitted for foreign currency transactions
013	The terminal is not permitted for foreign currency charge/discharge into this card
014	This card is not Supported.
015	Track 2 (Magnetic) does not match the typed data.
016	Additional required data was entered/not entered as opposed to terminal Settings (Z field).
017	Last 4 digits were not entered (W field).
019	Entry in INT_IN file is shorter than 16 characters.
020	The input file (INT_IN) does not exist.
021	Blocked cards file (NEG) does not exist or has not been updated, transmit or request authorization for each transaction.
022	One of the parameter files/vectors does not exist.
023	Date file (DATA) does not exist.
024	Format file (START) does not exist.
025	The difference in days in the blocked cards input is too large, transmit or request authorization for each transaction.
026	The difference in generations in the blocked cards input is too large, transmit or request authorization for each transaction.
027	When the magnetic strip is not completely entered, define the transaction as a telephone number or signature only.
028	The central terminal number was not entered into the defined main supplier terminal.
029	The beneficiary number was not entered into the defined main beneficiary terminal.
030	The supplier/beneficiary number was entered, however the terminal was not updated as the main supplier/beneficiary.
031	The beneficiary number was entered, however the terminal was updated as the main supplier.

Error	Remarks
032	Old transactions, transmit or request authorization for each transaction.
033	Defective card.
034	This card is not permitted for this terminal or is not authorized for this type of transaction.
035	This card is not permitted for this transaction or type of credit.
036	Expired card.
037	Installment error, the amount of transactions needs to be equal to: first installment plus fixed installments times number of installments.
038	Unable to execute a debit transaction that is higher than the credit card`s ceiling.
039	Incorrect control number.
040	The beneficiary and supplier numbers were entered, however the terminal is defined as main.
041	The transaction`s amount exceeds the ceiling when the input file contains J1, J2 or J3 (contact prohibited).
042	The card is blocked for the supplier where input file contains J1, J2 or J3 (contact prohibited).
043	Random where input file contains J1 (contact prohibited).
044	The terminal is prohibited from requesting authorization without transaction (J5).
045	The terminal is prohibited for supplier-initiated authorization request (J6).
046	The terminal must request authorization where the input file contains J1, J2 or J3 (contact prohibited).
047	Secret code must be entered where input file contains J1, J2 or J3 (contact prohibited).
051	Incorrect vehicle number.
052	The number of the distance meter was not entered.
053	The terminal is not defined as gas station (petrol card or incorrect transaction code was used).
057	An ID number is required (for Israeli cards only) but was not entered.
058	CVV is required but was not entered.
059	CVV and ID number are required (for Israeli cards only) but were not entered.
060	ABS attachment was not found at the beginning of the input data in memory.
061	The card number was either not found or found twice.
062	Incorrect transaction type.
063	Incorrect transaction code.
064	Incorrect credit type.
065	Incorrect currency.
066	The first installment and/or fixed payment are for non-installment type of credit.
067	Number of installments exist for the type of credit that does not require this.
068	Linkage to dollar or index is possible only for installment credit.
069	The magnetic strip is too short.
070	The PIN code device is not defined.
071	Must enter the PIN code number.
072	Smart card reader not available - use the magnetic reader.
073	Must use the Smart card reader.

Error	Remarks
074	Denied - locked card.
075	Denied - Smart card reader action didn't end in the correct time.
076	Denied - Data from smart card reader not defined in system.
077	Incorrect PIN code.
079	Currency does not exist in vector 59.
080	The club code entered does not match the credit type.
090	Cannot cancel charge transaction. Make charging deal.
091	Cannot cancel charge transaction. Make discharge transaction
092	Cannot cancel charge transaction. Please create a credit transaction.
099	Unable to read/write/open the TRAN file.
101	No authorization from credit company for clearance.
106	The terminal is not permitted to send queries for immediate debit cards.
107	The transaction amount is too large, divide it into a number of transactions.
108	The terminal is not authorized to execute forced transactions.
109	The terminal is not authorized for cards with service code 587.
110	The terminal is not authorized for immediate debit cards.
111	The terminal is not authorized for installment transactions.
112	The terminal is authorized for installment transactions only, not telephone/signature.
113	The terminal is not authorized for telephone transactions.
114	The terminal is not authorized for signature-only transactions.
115	The terminal is not authorized for foreign currency transactions, or transaction is not authorized.
116	The terminal is not authorized for club transactions.
117	The terminal is not authorized for star/point/mile transactions.
118	The terminal is not authorized for Isracredit credit.
119	The terminal is not authorized for Amex credit.
120	The terminal is not authorized for dollar linkage.
121	The terminal is not authorized for index linkage.
122	The terminal is not authorized for index linkage with foreign cards.
123	The terminal is not authorized for star/point/mile transactions for this type of credit.
124	The terminal is not authorized for Isra 36 credit.
125	The terminal is not authorized for Amex 36 credit.
126	The terminal is not authorized for this club code.
127	The terminal is not authorized for immediate debit transactions (except for immediate debit cards).
128	The terminal is not authorized to accept Visa card staring with 3.
129	The terminal is not authorized to execute credit transactions above the ceiling.
130	The card is not permitted to execute club transactions.
131	The card is not permitted to execute star/point/mile transactions.
132	The card is not permitted to execute dollar transactions (regular or telephone).
133	The card is not valid according to Isracard`s list of valid cards.

Error	Remarks
134	Defective card according to system definitions (Isracard VECTOR1), error in the number of figures on the card.
135	The card is not permitted to execute dollar transactions according to system definitions (Isracard VECTOR1).
136	The card belongs to a group that is not permitted to execute transactions according to system definitions (Visa VECTOR 20).
137	The card`s prefix (7 figures) is invalid according to system definitions (Diners VECTOR21).
138	The card is not permitted to carry out installment transactions according to Isracard`s list of valid cards.
139	The number of installments is too large according to Isracard`s list of valid cards.
140	Visa and Diners cards are not permitted for club installment transactions.
141	Series of cards are not valid according to system definition (Isracard VECTOR5).
142	Invalid service code according to system definitions (Isracard VECTOR6).
143	The card`s prefix (2 figures) is invalid according to system definitions (Isracard VECTOR7).
144	Invalid service code according to system definitions (Visa VECTOR12).
145	Invalid service code according to system definitions (Visa VECTOR13).
146	Immediate debit card is prohibited for executing credit transaction.
147	The card is not permitted to execute installment transactions according to Alpha vector no. 31.
148	The card is not permitted for telephone and signature-only transactions according to Alpha vector no. 31.
149	The card is not permitted for telephone transactions according to Alpha vector no. 31.
150	Credit is not approved for immediate debit cards.
151	Credit is not approved for foreign cards.
152	Incorrect club code.
153	The card is not permitted to execute flexible credit transactions (Adif/30+) according to system definitions (Diners VECTOR21).
154	The card is not permitted to execute immediate debit transactions according to system definitions (Diners VECTOR21).
155	The payment amount is too low for credit transactions.
156	Incorrect number of installments for credit transaction.
157	Zero ceiling for this type of card for regular credit or Credit transaction.
158	Zero ceiling for this type of card for immediate debit credit transaction.
159	Zero ceiling for this type of card for immediate debit in dollars.
160	Zero ceiling for this type of card for telephone transaction.
161	Zero ceiling for this type of card for credit transaction.
162	Zero ceiling for this type of card for installment transaction.
163	American Express card issued abroad not permitted for instalments transaction.
164	JCB cards are only permitted to carry out regular credit transactions.
165	The amount in stars/points/miles is higher than the transaction amount.

Error	Remarks
166	The club card is not within terminal range.
167	Star/point/mile transactions cannot be executed.
168	Dollar transactions cannot be executed for this type of card.
169	Credit transactions cannot be executed with other than regular credit.
170	Amount of discount on stars/points/miles is higher than the permitted.
171	Forced transactions cannot be executed with credit/immediate debit card.
172	The previous transaction cannot be cancelled (credit transaction or card number are not identical).
173	Double transaction.
174	The terminal is not permitted for index linkage of this type of credit.
175	The terminal is not permitted for dollar linkage of this type of credit.
176	The card is invalid according to system definitions (Isracard VECTOR1).
177	Unable to execute the self-service transaction if the gas station does not have self service.
178	Credit transactions are forbidden with stars/points/miles.
179	Dollar credit transactions are forbidden on tourist cards.
180	Phone transactions are not permitted on Club cards.
200	Application error.
201	Error receiving encrypted data
205	Transaction amount missing or zero.
306	No communication to Pelecard.
308	Doubled transaction.
404	Terminal number does not exist.
500	Terminal executes broadcast and/or updating data. Please try again later.
501	User name and/or password not correct. Please call support team.
502	User password has expired. Please contact support team.
503	Locked user. Please contact support team.
505	Blocked terminal. Please contact account team.
506	Token number abnormal.
507	User is not authorized in this terminal.
508	Validity structure invalid. Use MMYY structure only.
509	SSL verifying access is blocked. Please contact support team.
510	Data not exist.
511	Merchant Authorization failed- the customer receive sms that need to confirm and need to send transaction again
555	Customer click on Cancel button in payment page
597	General error. Please contact support team.
598	Necessary values are blocked/wrong.
600	General EMV terminals error – please contact support team
599	General error. Repeat action.
999	Necessary values missing to complete installments transaction.

Appendix C – Code examples

The following code examples are just some of countless ways and methods to send a JSON object via a POST request.

It is the customer's development personnel responsibility to modify these examples for his own specific needs, and it is not mandatory to use them!

In PHP:

```
<?php
	$data = array(
				'user' => $userName,
				'password' => $password,
				'terminal' => $termNo,
				'parameter1' => $parameter1,
				'parameter2' => $parameter2,
				'parameter3' => $parameter3,
				);

	$jsonData = json_encode($data);

	$ch = curl_init('https://gateway21.pelecard.biz/PaymentGW/init');
	curl_setopt($ch, CURLOPT_CUSTOMREQUEST, "POST");
	curl_setopt($ch, CURLOPT_POSTFIELDS, $jsonData);
	curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
	curl_setopt($ch, CURLOPT_HTTPHEADER, array('Content-Type: application/json; charset=UTF-8','Content-Length: ' . strlen($jsonData))
	);

	$result = curl_exec($ch);

	$serverData = json_decode($result,true);

	echo $serverData['URL'];
?>
```

In ASP.NET:

```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Runtime.Serialization;
using System.Runtime.Serialization.Json;
using System.Text;

namespace nameSpaceName
{
   [SerializableAttribute]
   public partial class Pay : System.Web.UI.Page
   {
      protected void SubmitJsonData(object sender, EventArgs e)
      {
         // An object to contain the response
         var jsonTransactionResponse = new JsonTransactionResponse()
         {
            transactionID = "",
            ValidationString = "",
            URL = ""
         };

        // Fill in the JSON parameters (use the corresponding documents to determine the parameters needed for your unique payment page).
         var jsonTransactionRequest = new JsonTransactionDetails()
         {
            terminal = "terminalNumber",
            user = "userName",
            password = "password",
            parameter1 = "value1",
            parameter2 = "value2",
            parameter3 = "value3"
         };

         // Creating the JSON object and encode it to bytes (The encoding choice here is the default for the application/x-www-form-urlencoded contentType).
         var jsonRequestSerializer = new DataContractJsonSerializer(typeof(JsonTransactionDetails));
         var jsonMemoryStream = new MemoryStream();
         jsonRequestSerializer.WriteObject(jsonMemoryStream, jsonTransactionRequest);
         jsonMemoryStream.Position = 0;
         var requestJsonString = (new StreamReader(jsonMemoryStream).ReadToEnd()).Replace(@"\/", "/");
         var jsonRequestBytes = Encoding.UTF8.GetBytes(requestJsonString);

         // Create the request object for the initial request.
         var jsonWebRequest = WebRequest.Create("https://gateway21.pelecard.biz/PaymentGW/Init");
         jsonWebRequest.ContentType = "application/x-www-form-urlencoded";
         jsonWebRequest.ContentLength = jsonRequestBytes.Length;
         jsonWebRequest.Method = "POST";

         // Send the JSON data using the request object.
         using (var jsonRequestStream = jsonWebRequest.GetRequestStream())
         {
            jsonRequestStream.Write(jsonRequestBytes, 0, jsonRequestBytes.Length);
            jsonRequestStream.Close();
         }

         // Read the response JSON and decode it.
         var jsonResponse = jsonWebRequest.GetResponse();
         using (var jsonResponseStream = new StreamReader(jsonResponse.GetResponseStream()))
         {
            var responseJsonString = jsonResponseStream.ReadToEnd();
            var jsonResponseSerializer = new DataContractJsonSerializer(typeof(JsonTransactionResponse));
            jsonMemoryStream = new MemoryStream(Encoding.UTF8.GetBytes(responseJsonString));
            jsonTransactionResponse = (JsonTransactionResponse)jsonResponseSerializer.ReadObject(jsonMemoryStream);
            Application["pelecardResult"] = jsonTransactionResponse;
         }
      }
   }
}
```

Apple Pay

Enable ApplePay button in pelecard's iframe/redirect page

For enabling the button need to send this code in iframe's INIT request

"ApplePay :" {
" Enabled": "true,"
" Label": "test transaction",
}

full request example : https://gateway21.pelecard.biz/PaymentGW/init

```
{
 "terminal": "xxxxxx",
 "user": "xxxxx",
 "password": "xxxxxxx",
 "ActionType": "J4",
 "Currency": "1",
 "Total": "100",
 "GoodURL": "https://gateway21.pelecard.biz/sandbox/landingpage",
 "ApplePay": {
  "Enabled": "true",
  "Label": "test",
 }
}
```

General Remarks

1.ApplePay button will appear only in this devices

- **Iphone**
- **Mac computer with finger print**
- **Safari browser**

2. for implementing ApplePay in iframe mode you need to follow this steps

- **Pelecard will receive from business the url of the site and will create validation txt file name "apple-developer-merchantid-domain-association" that the business need to upload to the site and place it in location " .well-known ". Example : https://example.com/.well-known/apple-developer-merchantid-domain-association.txt after business has put the file he need to update Pelecard for making validation. make sure before the validation process with Pelecard that the site meets the specifications Listed by Apple in this url : https://developer.apple.com/documentation/apple_pay_on_the_web/setting_up_your_server**

  Note :

  apple checks the ssl certificate.
  for not having to do this validation process every certification update it recommended to update the site ssl certificate ASAP and before last 7 days of certificate expiration date.

- **Need to add this JS in HTML body**
  https://gateway21.pelecard.biz/Scripts/Payment/ClientSecure.js

- **There is no option to create token with ActionType = J2 and making the purchase futher with RestAPI endpoints with the same token.**

  the options are :

  a. take authorization from credit card with ActionType = J5 (with parameter CreateToken = True) and complete the transaction only ones in RestAPi methods with Token and ApprovalNo or DebitApproveNumber or ID.

  Note :

  the methods can use for complete the transaction is

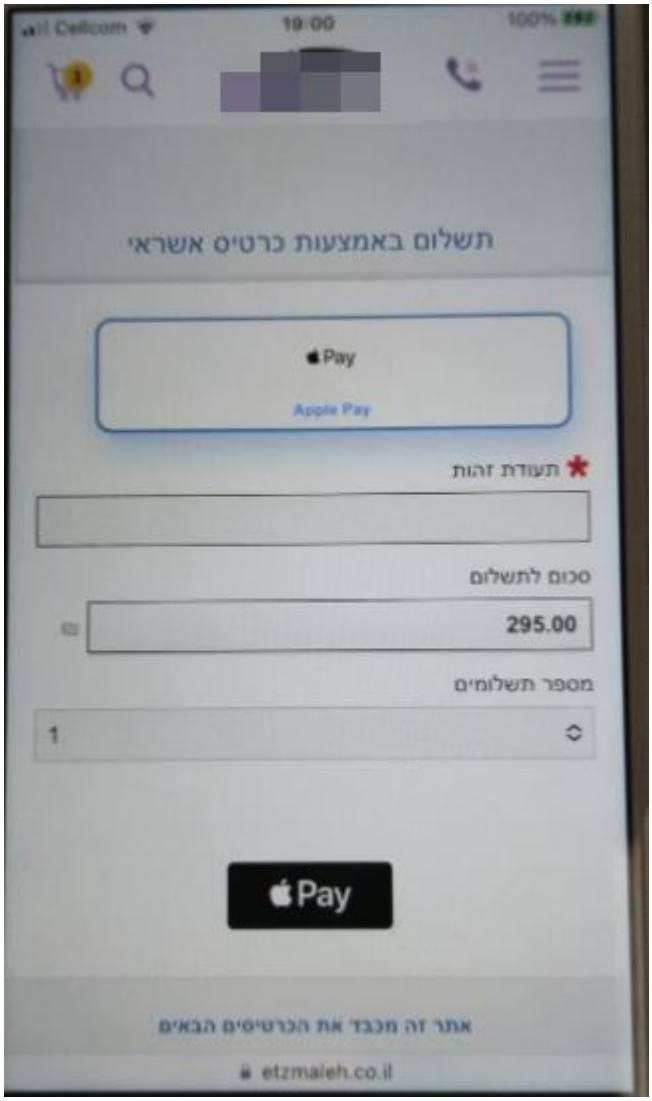
  CompleteDebitByUid
  DebitRegularType
  DebitPaymentsType (when the authorization in iframe was in payments)

  link for API
  https://gateway21.pelecard.biz/SandboxServices

b. making a debit transaction with ActionType = J4 in iframe/redirect .

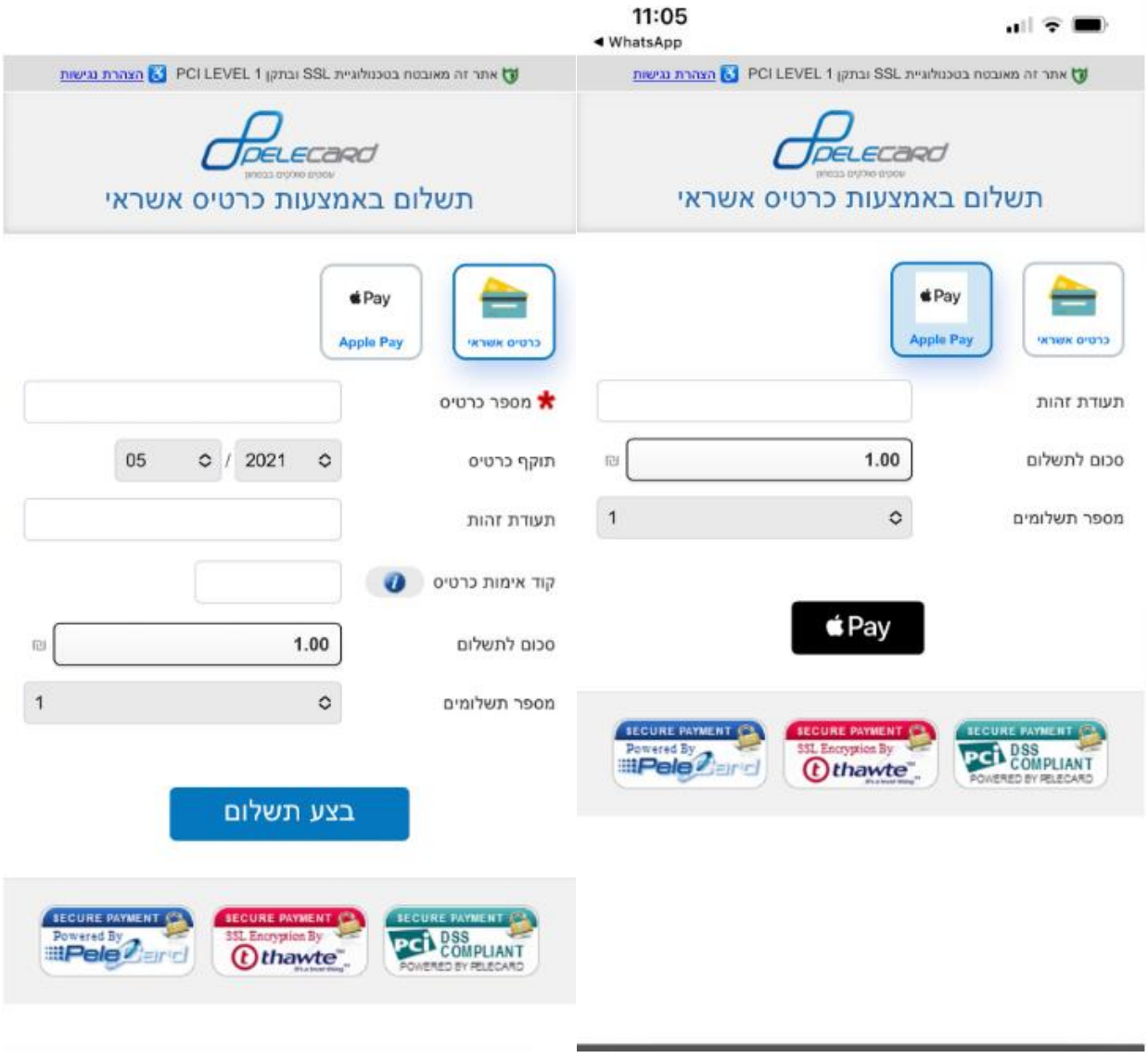
3. **The transaction in ApplePay is validated by 3DS protocol**
4. **Costumers who wants to implement a different iframe's, one for ApplePay and one for credit card will need to send in INIT request this parameter :**

```
"CreditCard": {
  "Enable": "false"
 }
```



5.business who wants to search the credit card number in Pelecard reports https://reports.pelecard.biz will need to ask from the customer his last 4 digits of virtual card the appears in ApplePay application.

6.The business terminal number should be at credit card clearing company with internet supplier number



Google Pay

Enable Google Pay button in pelecard's iframe/redirect page

For enabling the button need to send this code in iframe's INIT request

" GooglePay :" {
" Enabled": "true,"
" MerchantName ": "business name",
}

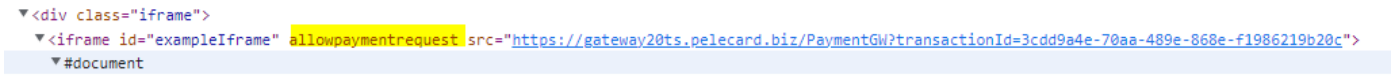
full request example : https://gateway21.pelecard.biz/PaymentGW/init

```
{
 "terminal": "xxxxx",
 "user": "xxxxxx",
 "password": "xxxxxxxx",
 "ActionType": "J4",
 "Currency": "1",
 "Total": "100",
 "GoodURL": "https://gateway21.pelecard.biz/sandbox/landingpage",
 "GooglePay": {
  "Enable": "true",
  "MerchantName": "business name"
 }
}
```

General Remarks

1.Google pay button will appear only in mobile devices with Wallet application that supports NFC.

2. for implementing Google pay in iframe mode you need to add this "allowpaymentrequest" like in example :



- **There is no option to create token with ActionType = J2 and making the purchase futher with RestAPI endpoints with the same token.**

  the options are :

  a. take authorization from credit card with ActionType = J5 (with parameter CreateToken = True) and complete the transaction only ones in RestAPi methods with Token and ApprovalNo or DebitApproveNumber or ID.

  Note :

  the methods can use for complete the transaction is

  CompleteDebitByUid
  DebitRegularType
  DebitPaymentsType (when the authorization in iframe was in payments)

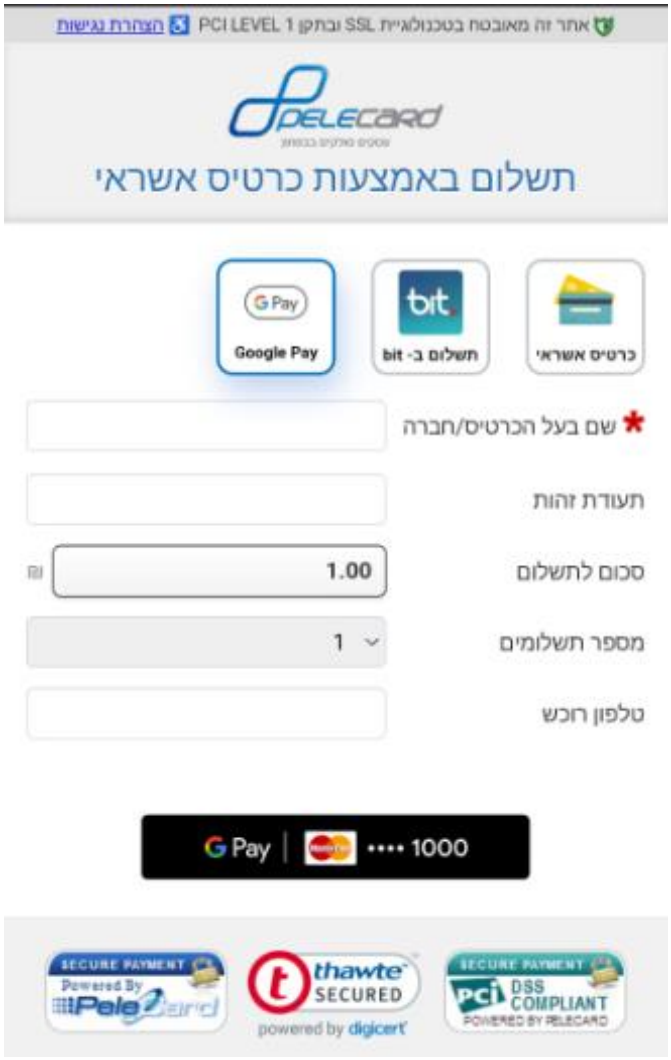
  link for API
  https://gateway21.pelecard.biz/SandboxServices

  b. making a debit transaction with ActionType = J4 in iframe/redirect .

5. **The transaction in Google pay is validated by 3DS protocol**
6. **Costumers who wants to implement a different iframe's, one for Google pay and one for credit card will need to send in INIT request this parameter :**

```
"CreditCard": {
  "Enable": "false"
 }
```

5.business who wants to search the credit card number in Pelecard reports

https://reports.pelecard.biz will need to ask from the customer his last 4 digits of virtual card the appears in Google pay application.

6.The business terminal number should be at credit card clearing company with internet supplier number