Google Pay

Google Pay Account set up:

1. Login to https://pay.google.com/ using gmail account
2. 2.Set up payment using the payment methods section.

NOTE :: "TEST" environment will use "real" cards for testing but will not be charged.

TEST Google pay account payment:

1. Go to the link https://developers.google.com/pay/api/web/guides/tutorial#full-example and click on "open in JS Fiddle".
2. It opens in new window, place Javascript GooglePayRequest.txt in java script window and run. Google pay button should appear .
3. Click on Google pay button and validate your account.

Google pay flow:
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1. FE request's Hybris for google pay request object by calling the below servrice.

Service: **https://{{hybrisendpoint}}/gpcommercewebservices/v2/{{siteId}}/users/{{userId}}/carts/{{cartId}}/getGooglePayRequestParams**

ex: https://localhost:9002/gpcommercewebservices/v2/b2bwhitelabel/users/current/carts/current/getGooglePayRequestParams

This call returns "GooglePayRequestWsDTO" object that has all variables to send to GooglePay

Files to get google pay request Object

Class : CartsController.java
Method : getGooglePayRequestParams

Class : GPCheckoutFacade.java
Method : buildGooglePayRequest

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Class  : GooglePayRequestPopulator.java
Method : populate
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2. FE uses "GooglePayRequestWsDTO" object and sends request to Google pay.
3. Google pay validates the merchant Id if the environment is set as Production and if validation is success, google payment sheet appear allowing user to enter details.
4. After user entering payment details and click on continue on google pay sheet. Google sends signature and user details to FE.

```
{"apiVersionMinor":0,"apiVersion":2,"paymentMethodData":{"description":"Visa••••6127","tokenizationData":{"type":"PAYMENT_G
ATEWAY","token":"{\"signature\":\"MEUCID2v5HZNRwwL+PsZT2uK56fFr2wNUrmYAZiAt+cpTOYzAiEAuqes4w0KuZWbGdVTRfSSPXSa
YfLsodIxZah3zPt4wps\\u003d\",\"protocolVersion\":\"ECv1\",\"signedMessage\":\"{\\\"encryptedMessage\\\":\\\"6tucrJ0GkjHT0wwnXxjO
XJb3sUSRELQqcVoQns48yvamJZMp24zxe4HUaO52GpkCNfT8NupZpAe57+D1guQpepTj922EzWw6QdchPRO0NbGvNlog/MkZj244cB3A
wf2AJIzJ92s6UOIoq7fPpIV7VlkiHfZcWWSpKtp/I4mox4SXfxGHF+gNJOjgVKwMpPffKvx08qGI26rp+fCRmVKOpcb8PEsawrHiIc4N5m6f3Z
BrGtitEcJwB/VJAem9KPsJr1swfirB9U4Yywi1DTIrIy8AketkqpRIKYghWDs9ELLdUF9YO8rW083n2tR8Jta+0raLSLILRsix5KM8qSn/oSxYa
M+24OX/BW0sq/8AAzursdYm8QYZCc8aN5EOVPxSbEmAbomnHZKn3BqKtiu9ub94qgh2dzrnymm90wgZLeoAXBg77jcMm+YyZHIW0djb
D9wFP7cQ9XtG\\\",\\\"ephemeralPublicKey\\\":\\\"BJAFmmm/rFsFIRjS+KiBvMfXqTt+gFN0zF82mkEHcSJ8Xqjiuo3DCjqzVgIk1r1ihmH25+
SB0RZ0dU3B14VG1p8\\\\u003d\\\",\\\"tag\\\":\\\"DxSzYsnRyUsmzoIcRux7XdOcWyfoAR9TmLcsfuINVAw\\\\u003d\\\"}\"}"},"type":"CARD","
info":{"cardNetwork":"VISA","cardDetails":"6127","billingAddress":{"phoneNumber":"+1
518-399-599","address3":"","sortingCode":"","address2":"","countryCode":"US","address1":"381 Rocker
st","postalCode":"07814","name":"JOHN wrick","locality":"Sanford","administrativeArea":"FL"}}}}
```

5. FE calls Hybris service to save payment info of the customer by the above response in provided by google pay.

Service: **https://{{hybrisendpoint}}/gpcommercewebservices/v2/{{siteId}}/users/{{userId}}/carts/{{cartId}}/addGooglePayPaymentInfo**

ex: https://localhost:9002/gpcommercewebservices/v2/b2bwhitelabel/users/current/carts/current/addGooglePayPaymentInfo

This is a POST call and FE passes PaymentDataWsDTO object sending all the variables.

Files to save the payment info

Class : CartsController.java
Method : addGooglePayPaymentInfo

Class : GPCheckoutFacade.java

Method : createGooglePayPaymentInfo

Class   : GPCustomerAccountService.java
Method : createGooglePayPaymentInfo

Hybris sends true/false upon saving payment info.

6. Once payment info saved successfully, FE calls regular place order service for authorization and places order once authorization is successful. Capture and refund code is same as cybersource as nothing is changed for Google pay.

Note : Only VISA card works in TEST environment for GooglePay-Cybersource payment. So use only VISA card for testing in lower environments.

Production Checklist :

Below steps needs to be validated before requesting production access.

https://developers.google.com/pay/api/web/guides/test-and-deploy/integration-checklist.

Once Google completes review, below changes are needed for GO LIVE.

https://developers.google.com/pay/api/web/guides/test-and-deploy/deploy-production-environment