***HCL Commerce V9.1.9***

***Lunu Integration with React StoreFront Developer Guide***

**Draft - Version 1.0**

**August 17, 2021**

A picture containing logo

Description automatically generated

**Document Source**

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Version Description and Summary of changes | Editor |
| 1.0 | August 17, 2021 | Draft- First version of review | Mangesh Shivekar |

# Lunu Payment Integration – React StoreFront

Requirement Outline:

Implement the functionality for allowing user to make payments using the Lunu Widget. Using the Lunu Wallet or Coinbase Wallet app from mobile, user will be able to scan the the QR code displayed and complete the payment flow.

Steps to integrate Lunu Widget UI component in the React store:

1. Create the component for displaying the Lunu Widget on UI **src\components\lunu\lunu-widget.tsx**

Text

Description automatically generated

1. Create the service file **src\\_foundation\apis\lunu\lunu.service.ts** for calling the create\_payments API, which will return the confirmation token using which the Lunu Widget will be displayed.

Text

Description automatically generated

1. Add the following code changes to the **src\components\widgets\payment-method-selection\PaymentMethodSelection.tsx** file to display the option for **Lunu Pay** on the Payment page

Text

Description automatically generated

Add the following props to the **PaymentMethodSelectionProps** to set and access the details throughout the payment flow

Text

Description automatically generated

1. Add the following props to the **PaymentMethodContainerProps** (**src\components\widgets\payment-method-container\PaymentMethodContainer.tsx)** to set and access the details throughout the payment flow

Text

Description automatically generated

And add it to the **PaymentMethodSelection**,

Text

Description automatically generated

1. In **src/\_foundation/hooks/use-checkout-payment.tsx** file, make the following code changes
2. In function **isValidatePayment(),**

A picture containing text, screenshot, monitor, screen

Description automatically generated

1. In function **Submit()**,

A screenshot of a computer

Description automatically generated with medium confidence

1. Write a function **onSuccessTransactionOfLunu()**,

Text

Description automatically generated

1. Add props to the **PaymentMethodContainer**,

Text

Description automatically generated

1. Declare constants and state variables

Text

Description automatically generated

1. Add the following style to the **src\App.scss**

Text

Description automatically generated

GitHub code for v9.1.9: <https://github.com/HCL-Commerce-Developer-Sandbox/store-web/tree/v9.1.9_lunu_payment>