***HCL Commerce V9.1***

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

**Draft - Version 1.0**

**August 17, 2021**

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**Document Source**

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

# 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**

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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.

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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

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

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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

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And add it to the **PaymentMethodSelection**,

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1. In **src\components\pages\checkout\payment\Payment.tsx** file, make the following code changes
2. In function **isValidatePayment(),**

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

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

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

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1. Declare constants and state variables

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

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