**Payment Gateway Integration in React Js**

**->Integration of CashFree**

Step-1 Signup for Cash Free account go to <https://www.cashfree.com/>.

Step-2 Obtain the API Id AND Seceret Key

For that first we have to switch to the test mode. After it go to the API

Documentation section. In test mode when we click on api key the api

id or secret key will be automatic generated and for production we have

to click on generate api key button.

Frontend Part

Add this  <script src="https://sdk.cashfree.com/js/v3/cashfree.js"></script>

In your index.html

Step-1 Firstly we create a component cashfree.js in which we make a function where we the

api work and a submit button so when we click that button the function called

Step-2 In that function we call an api with POST method and with some mandatory

Data.

Step-3 We pass the data in object the data which we have to sent are order-id, order-amount ,

order-currency, and customer detail like email, id , phone-number, name

Step-4 If the api was run successfully then it give the url which we use and it redirect the user

to the cashfree payment page where user can pay their payment after the payment was

successfully done we can redirect to the home page.

Backend Part

Step-1 Firstly make a server.js file.

Step-2 We make an api in that first we make a sdk with that

{ const sdk = require('api')('@cashfreedocs-new/v3#9qqu7am5li0449pa')}

Step-3 With the help of this sdk we create a payment link in which we pass some

Parameters in two object. In first object we pass the parameter- customer detail, link-notify,

link-id , link-amount, link-currency, link-purpose and in second object we pass the app-id,

secretekey and api-version.

Step-4 If we create a link successfully then we return that url in the parameter which is

pass when that api call.

Thing to remember

->the port number of api is same in both frontend or backend

->link-id will be unique

API ID - TEST399278ca3a7a3a31e7db4752e1872993

SECRET KEY - TEST26e594cb46b13475e1620375e85dc1ccadbf9d