**Stripe payment Integration**

<https://enappd.com/blog/ionic-4-stripe-payment-integration-with-firebase-for-apps-and-pwa/17/>

<https://baadiersydow.com/integrate-ionic-framework-stripe-single-recurring-payments/>

Process 1 For collect card detail and send backend to collect payment

In index.html

<script src="https://js.stripe.com/v3/" async></script>

<script src="https://checkout.stripe.com/checkout.js"></script>

In ts file

import { Component } from '@angular/core';

import { IonicPage, NavController, NavParams } from 'ionic-angular';

declare var Stripe;

/\*\*

\* Generated class for the StripePage page.

\*

\* See https://ionicframework.com/docs/components/#navigation for more info on

\* Ionic pages and navigation.

\*/

@IonicPage()

@Component({

selector: 'page-stripe',

templateUrl: 'stripe.html',

})

export class StripePage {

stripe = Stripe('pk\_test\_m3ybmcdGpmGwZBY1kQsJvoUR');

card: any;

constructor(public navCtrl: NavController, public navParams: NavParams) {

}

ionViewDidLoad() {

console.log('ionViewDidLoad StripePage');

this.setupStripe();

}

setupStripe(){

let elements = this.stripe.elements();

var style = {

base: {

color: '#32325d',

lineHeight: '24px',

fontFamily: '"Helvetica Neue", Helvetica, sans-serif',

fontSmoothing: 'antialiased',

fontSize: '16px',

'::placeholder': {

color: '#aab7c4'

}

},

invalid: {

color: '#fa755a',

iconColor: '#fa755a'

}

};

this.card = elements.create('card', { style: style });

this.card.mount('#card-element');

this.card.addEventListener('change', event => {

var displayError = document.getElementById('card-errors');

if (event.error) {

displayError.textContent = event.error.message;

} else {

displayError.textContent = '';

}

});

var form = document.getElementById('payment-form');

form.addEventListener('submit', event => {

event.preventDefault();

// this.stripe.createToken(this.card)

this.stripe.createSource(this.card).then(result => {

if (result.error) {

var errorElement = document.getElementById('card-errors');

errorElement.textContent = result.error.message;

} else {

console.log("suceess result",result);

// get id to send backend

console.log("suceess result\_token",result.source.id);

}

});

});

}

}

In Html

<!--

Generated template for the StripePage page.

See http://ionicframework.com/docs/components/#navigation for more info on

Ionic pages and navigation.

-->

<ion-header>

<ion-navbar>

<ion-title>stripe</ion-title>

</ion-navbar>

</ion-header>

<ion-content padding>

<form action="/" method="post" id="payment-form">

<div class="form-row">

<div id="card-element">

<!-- a Stripe Element will be inserted here. -->

</div>

<!-- Used to display Element errors -->

<div id="card-errors" role="alert"></div>

</div>

<button ion-button block large>Add Card</button>

</form>

</ion-content>

In scss

page-stripe {

.form-row{

padding: 10px;

}

.StripeElement {

background-color: white;

padding: 8px 12px;

border-radius: 4px;

border: 1px solid transparent;

box-shadow: 0 1px 3px 0 #e6ebf1;

-webkit-transition: box-shadow 150ms ease;

transition: box-shadow 150ms ease;

}

.StripeElement--focus {

box-shadow: 0 1px 3px 0 #cfd7df;

}

.StripeElement--invalid {

border-color: #fa755a;

}

.StripeElement--webkit-autofill {

background-color: #fefde5 !important;

}

}

**Second Process to collect payment and pop like modal**

**In ts file**

**import { Component ,HostListener} from '@angular/core';**

**import { IonicPage, NavController, NavParams } from 'ionic-angular';**

**/\*\***

**\* Generated class for the SecondStripePage page.**

**\***

**\* See https://ionicframework.com/docs/components/#navigation for more info on**

**\* Ionic pages and navigation.**

**\*/**

**declare var StripeCheckout;**

**@IonicPage()**

**@Component({**

**selector: 'page-second-stripe',**

**templateUrl: 'second-stripe.html',**

**})**

**export class SecondStripePage {**

**handler: StripeCheckoutHandler;**

**constructor(public navCtrl: NavController, public navParams: NavParams) {**

**}**

**payButtonClickHandler() {**

**this.handlerOpen(); // To open your stripe pop-up**

**}**

**handlerOpen(){**

**this.handler.open({**

**name: 'Test App0', // Pass your application name**

**amount: 1000005, // Pass your billing amount**

**});**

**}**

**@HostListener('window:popstate')**

**onPopstate() {**

**this.handler.close(); // To close the pop-up**

**}**

**ionViewDidLoad() {**

**console.log('ionViewDidLoad SecondStripePage');**

**setTimeout(() => {**

**this.handler = StripeCheckout.configure({**

**key: 'pk\_test\_m3ybmcdGpmGwZBY1kQsJvoUR',**

**image: 'https://stripe.com/img/documentation/checkout/marketplace.png', // Picture you want to show in pop up**

**locale: 'auto',**

**token: token => {**

**// Handle Stripe response**

**console.log("result\_token",token);**

**// let alert=this.alertCtrl.create({**

**// title: 'Response from Stripe',**

**// message: JSON.stringify(token),**

**// buttons:['ok']**

**// });**

**// alert.present();**

**}**

**})**

**}, 1000)**

**}**

**}**

**In html**

**<!--**

**Generated template for the SecondStripePage page.**

**See http://ionicframework.com/docs/components/#navigation for more info on**

**Ionic pages and navigation.**

**-->**

**<ion-header>**

**<ion-navbar>**

**<ion-title>secondStripe</ion-title>**

**</ion-navbar>**

**</ion-header>**

**<ion-content padding>**

**<button (click)="payButtonClickHandler()">Pay</button>**

**</ion-content>**

**In scss**

**page-second-stripe {**

**}**