

SESE Website - Feature #1187

Add Stripe Integration for Payment Processing

10/04/2017 12:24 PM - Pavan Rikhi

Status:	Closed	Start date:	10/24/2017
Priority:	Normal	Due date:	11/17/2017
Assignee:	Pavan Rikhi	% Done:	100%
Category:	Checkout	Estimated time:	0.00 hour
Target version:	v0.6.0 - Checkout	Spent time:	13.80 hours
Easy Pickings:			

Description

<https://stripe.com/docs/checkout/tutorial>

<https://stripe.com/docs/charges>

<https://stripe.com/docs/api/node>

<https://www.stackage.org/haddock/nightly-2017-10-13/stripe-haskell-2.2.3/Web-Stripe.html>

Also remove billing details when total == 0. Maybe store multiple payment types in DB? Credit card, Store Credit, No Payment Due

Associated revisions

Revision 23fc9100 - 11/08/2017 11:56 PM - Pavan Rikhi

[#1187] Add Stripe Integration to Customer Checkout Route

Integrate the Customer Place Order API Route with Stripe. When an Order is placed, a Stripe Customer will be created if the Customer does not have one. Then we create a Stripe Card for the Stripe Customer & set the proper billing address for it. Once the Order is created, we charge the Stripe Customer.

- Add an optional stripeId field to the Customer model.
- Add an optional stripeChargeId field to the Order model.
- Add a `toStripeAmount` function for converting between `Cents` & Stripe `Amounts`.
- Add Persistent Fields for Stripe Customer & Charge IDs.
- Add a helper function for running Stripe requests in the `App` monad.
- Modify the customerPlaceOrderRoute to create a Stripe Customer, Card, & Charge.
- Modify the OrderStatus type to include Payment statuses.
- Modify the Config & Main modules to parse & store a Stripe API Token.
- Modify the createOrder function so that it does not remove the Customer's Cart.
- Modify the createLineItems function to return the total of all created items.
- Modify the createProducts function to return the total of all created products.

Refs #1187

Revision 34f769fb - 11/11/2017 06:20 AM - Pavan Rikhi

[#1187] Add Stripe Integration to Checkout Page

Integrate Stripe Checkout into the Checkout Page, popping up a modal for the user to enter their credit card details.

Refs #1187

Revision e0c852c7 - 11/17/2017 01:58 AM - Pavan Rikhi

[#1187] Add Stripe Integration to Anonymous Customer Checkouts

When unregistered Customers checkout, create a Stripe Customer, Card, & Charge for their Order just like for registered Customers.

Refs #1187

History

#1 - 10/16/2017 12:30 PM - Pavan Rikhi

- Description updated

#2 - 10/24/2017 11:31 AM - Pavan Rikhi

- Start date set to 10/24/2017

Starting work on this issue.

#3 - 10/24/2017 01:34 PM - Pavan Rikhi

- Status changed from New to In Progress

- Description updated

#4 - 11/17/2017 02:00 AM - Pavan Rikhi

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

- Due date set to 11/17/2017

Closing Issue.