

In this lesson you'll complete a stripe payment.

Add your secret key to your stripe client in your *server.js* file.

```
const stripe = require('stripe')('ADD_SECRET_KEY_HERE')
```

Second, format your shopping cart to be sent to stripe within your *app.post* method.

The data structure for your shopping cart currently looks something like this,

```
[ { id: 1, quantity: 5 }, { id: 2, quantity: 7 } ]
```

Your goal is convert it into a data structure that looks like the following,

```
[ { price: 1, quantity: 5 }, { price: 2, quantity: 7 } ]
```

price is a poorly named property, because the value set for is the product id. However, stripe requires this format.

Have the reformatted shopping cart set to a variable that represents a new array called *lineItems*.

Third, while in the *app.post method*, create a checkout session with the stripe api

```
const session = await stripe.checkout.sessions.create({})
```

The create method will get called every time the server's post endpoint is hit.

Accordingly, note the empty object inside the method, here is where you'll all add all the data stripe requires to complete payment.

The properties that need to be included in this object are the following,

```
line_items,  
mode : 'payment' (i'll give you that one since it's annoying) and then a  
success_url,  
cancel_url
```

The last two properties exist so stripe knows where to direct the user in case the purchase fails or succeeds.

Return the `session.url` inside an stringified object as a response to the front end once

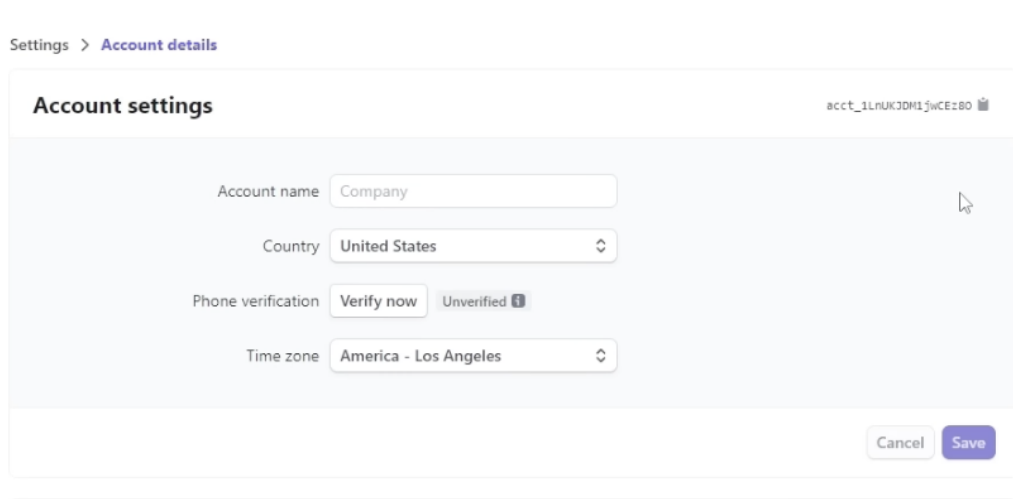
payment is complete.

Go to your *productStore.js* or the file in your project that has the array of all your products, and replace the id of each product with the price id from the products that were created on stripe.

In your fetch method in *Navbar.js* click *Purchase Items* and test to see if the server is responding with the `session.url` if it is grab this url and *redirect* the user to it.

This will send the user to the stripe payment portal where they will buy your stuff.

Before you test your first payment make sure to add an Account Name to your stripe profile.



The screenshot shows the Stripe 'Account settings' page. At the top, there's a breadcrumb 'Settings > Account details'. The main heading is 'Account settings' with a sub-header 'Account details' and a Stripe account ID 'acct_1LHUK3DM15wCEz80'. The form contains four fields: 'Account name' with the value 'Company', 'Country' with a dropdown set to 'United States', 'Phone verification' with a 'Verify now' button and an 'Unverified' status, and 'Time zone' with a dropdown set to 'America - Los Angeles'. At the bottom right, there are 'Cancel' and 'Save' buttons.

Once done feel free to test.

The test card number is 4242 4242 4242 4242 I think you can use any expiration date in the future and cvc but you can look at the docs just in case.