This is a short documentation on my process thought and approach to solving the problem.

**1. Thought Process**

I thought of building a database with tables for payment, buyer, seller, and the company and then apply the payment logic in my views.py.

# Development

After reading Stripes documentation, I implemented the express checkout template to make building the system easier.

Installed stripe, created a checkout session with Stripe API. Built in my models tables for an event, buyer, company and seller and an admin page to handle these tables

The admin logs are **username**:test **password**:Test

Some of the challenges I faced was

* Updating my database after Stripe payment occurs
* Fully implementing Stripe functionality to my code
* Forwarding payments to connected accounts

# Test

With the help of Stripe API, I was able make a testcase where I created a random product. After payment and authentication is complete, funds are transferred to the company and then after commission balance is sent to buyer.

The diagrams below show the various test payments being made and the dashboard of the seller.

Graphical user interface, text, application, website, Teams

Description automatically generated

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