**System Test Strategy Template**

1. Product, Revision and Overview

This product is designed to send either lite coins or Ethereum coins from a buyer to a seller from a website. Through this website, the buyer can buy any item they want and then process their payment through a QR code that is generated. This QR code has the key address on where to send the payment. Once the payment is confirmed or not confirmed, the buyer will receive an email as a confirmation or denial.

2. Product History

Include a short history of previous revisions of this product. (3-4 sentences). Include defect history.

In previous versions, there was only a server or database that only had direct communication with emails. This email was just to show there was direct communication for cryptocurrency acceptance. Then the website was added in order had items for sale. However, the pictures only appear in MAC’s operating systems and has problems in Windows’ operating systems.

3. Features to be tested

List all features to be tested. Organize the list in the way that makes most sense- user features, or by level:

The first feature would be how easy the website would be accessible to every day customers.

The second would be the visual appearance of the website.

The third feature would be how easily the customer would be able to buy their preferred jeans

The fourth feature would be to see if the buyer has enough funds to complete the transaction.

4. Features not to be tested

What won’t be tested is how fast the emails are received. If multiple items are able to be added to shopping cart.

5. Environmental requirements

The only hardware is form the computer itself. We are using PyCharm as our IDE and Amazon AWS for the database

6. System test methodology.

Brief description of work items to be performed from the beginning to the end of the product development.

Testing to see if the emails are received. Test to see if the items wanted to interact with the database. Test to see if QR Code is being generated. Test to see if confirmation email is being sent with details of the payment and items.

8. System test entry and exit criteria

8.1. Entry Criteria

The software must be able to operate smoothly. Have smooth transitions between the web pages. The Software must provide a bug free zone.

Generic criteria:

1. All basic functionality must work.

2. All unit tests run without error.

3. The code is frozen and contains complete functionality.

4. The source code is checked into the CMS.

5. All code compiles and builds on the appropriate platforms.

6. All known problems posted to the bug-tracking system.