3.3.1.6.1 Introduction/Purpose of Feature

This feature allows the user to message sellers for purposes such as price bargaining and picking a location.

3.3.1.6.2 Stimulus/Response Sequence

3.3.1.6.3 Associated Function Requirements

3.3.1.6.3.1

The system shall display a button to enter the messaging center in an overlaying tab and a "Inquire seller about this product" button in item descriptions.

3.3.1.6.3.2

In the messaging center, the system shall send messages based on inputs from the user, as well as display messages sent to the user by others.

3.3.1.6.3.3

The system shall be able to record conversation data and allow the user to enter into logged conversations to continue communications.

3.3.1.6.3.4

If entering the messaging center via an item description, the system shall automatically fill out basic details, such as the name of the product in question and listed price.

3.3.1.6.4 Associated Non-Functional Requirements

3.3.1.6.4.1

Usability: All user interfaces relating the the "Inquire/Message Seller" function shall be both clean and easy to use.

3.3.1.6.4.2

Performance: Switching between conversations and opening the message center itself shall be fluid, with miniscule to no delay. If maintenance occurs, logged conversations shall be saved.

3.3.1.6.4.3

Security: All messages shall be encrypted for data privacy.

3.3.1.6.4.4

Scalability: The system shall be able to handle large amounts of messages being sent at the same time, with little to no increases in send/receive time.

3.3.1.6.4.5

Availability: The ability to send and receive messages shall be functional 24/7, with minimal downtime needed for

maintenance.

3.3.1.6.4.6

Error Handling: The system shall show the user if a message hasn't been sent. If a message has been successfully sent, but the receiver has not received it, the message will be automatically resent until it's successfully received, a custom picked time frame passes, or the sender cancels it.

3.3.1.6.4.7

Audibality: The system shall log all conversations locally and on the main server, automatically deleting them if the user wishes to have them deleted. This is for both records and data privacy.

3.3.1.6.4.8

Compliance: The "Inquire/Message Seller" function shall comply with relevant laws and regulations related to data privacy and electronic communications.

3.3.1.7 Pay Seller

3.3.1.7.1 Introduction/Purpose of Feature

This feature allows the buyer to transfer funds from their account to that of the seller's in order to complete a transaction.

3.3.1.7.2 Stimulus/Response Sequence