



### 3.3.1.7.3 Associated Function Requirements

#### 3.3.1.7.3.1

The system shall take funds from the buyer's account and transfer it to the seller's account upon the user pressing the confirm purchase button.

#### 3.3.1.7.3.2

The system shall send a confirmation message via text, email, application mailbox, (or) etc upon a successful purchase.

#### 3.3.1.7.3.3

If the transaction fails, the system shall halt the process of transferring money. If the money has already been moved, the system shall automatically refund the paid amount.

#### 3.3.1.7.3.4

The system shall produce a tab when prompted, allowing the user to add/edit their payment method, location, order, and see the final overall cost (and a cost breakdown).

### 3.3.1.7.4 Associated Non-Functional Requirements

#### 3.3.1.7.4.1

Usability: The user interface shall be simple and user-friendly, so users can easily modify and see important information, such as total price or changing payment methods.

#### 3.3.1.7.4.2

Performance: The time it takes to authorize payment and transfer funds shall be miniscule, avoiding long wait-times for the user.

#### 3.3.1.7.4.3

Security: The system shall ensure both account security and encrypted payment methods.

#### 3.3.1.7.4.4

Scalability: The system shall be able to handle a large number of transactions at the same time, without causing major lag or a decrease in data security.

#### 3.3.1.7.4.5

Availability: The ability to pay sellers shall be available 24/7 with minimal downtime for maintenance.

#### 3.3.1.7.4.6

Error Handling: The system shall be able to inform the user that a transaction failed while at the same time, not moving funds from the buyer to the seller. If the funds have already been transferred, the system shall be able to automatically refund it.

#### 3.3.1.7.4.7

Auditability: The system shall automatically record all transactions done for recording and accountability purposes.

#### 3.3.1.7.4.8

Compliance: The “pay seller” function shall comply with all applicable laws and regulations related to e-commerce and data protection.

### 3.3.1.8 Review Seller

#### 3.3.1.8.1 Introduction/Purpose of Feature

The intent of this feature is to provide feedback and a rating system for a seller based on their experience during transactions in the scope of the application.

#### 3.3.1.8.2 Stimulus/Response Scenario