Waqas Ahmed 006

Use-case: list item

**Description:**This use case describes the process of a seller listing an item for auction on the website. The seller creates a listing with details about the item, selects a predefined auction duration, and submits it for approval. The system validates the listing and notifies the seller upon approval.**Stakeholders and Interests:**Seller: who wants to list items for auction. Their interest lies in creating an appealing listing and getting it approved for auction.System: Manages the listing process, validates entries, and ensures adherence to auction rules.

**Primary Actor:**Seller (logged in): Creates and submits item listings for auction.**Secondary Actor:**secondary actor Is system that Processes the listing information, performs validation checks, and sends notifications.

**Preconditions:** Seller will be a registered user with an account. Seller will be logged in to the auction website.**Postconditions:** The seller successfully creates a new item listing. The listing is submitted for approval by the system. The seller receives a notification regarding the listing status (approval/rejection with reason).

**Main Success Scenario:**1. Seller navigates to the "List Item" page.

2. The seller enters details about the item, including:

Title and description, category, standing bid price , image of the item

3. The seller selects a predefined duration for the auction (1, 5, or 14 days).

4. The seller reviews the listing details.

5. The seller submits the listing for approval.

6. The system validates the listing information. (complete details, adherence to auction rules).

7. The system sends a notification to the seller informing them that the listing has been approved.

**Alternative Scenarios:**1. If the seller misses any required information, the system prompts them to complete the details before submitting.2. If the seller enters invalid data (e.g., incorrect category, negative starting bid), the system displays an error message and asks them to correct the information.3. If the listing violates auction rules or contains inappropriate content, the system rejects it and notifies the seller with a reason for rejection.

**Frequency of Occurrence:**Sellers can list items as frequently as they wish, as long as they comply with the website's