### **1. View Requests - User (U)**

Actor: User

Preconditions: User is logged in.

Basic Flow:

* User clicks on the 'View Requests' button on the landing page.
* The 'Requests' window opens, displaying a list of the user's submitted shirt requests.
* User double-clicks on a shirt request to display its values.

Postconditions: User has viewed the details of a request.

Alternative Flows:

* A1. No Requests Available: If the user has no submitted requests, the system displays a message indicating that there are no requests to view.

### **2. View Requests - Business (B)**

Actor: Business user

Preconditions: Business user is logged in.

Basic Flow: Same as the User scenario, adjusted for the business context.

Alternative Flows:

* A1. Filter Requests: Business user applies filters to narrow down the list of requests. If no requests meet the filter criteria, a message is displayed.

### **3. Accept Request - Business (B)**

Actor: Business user

Preconditions: Business user is viewing a specific request.

Basic Flow:

* Business user clicks on the "Accept Request" button for a selected request.
* A dialog box appears asking for confirmation to accept the request.
* Business user confirms the acceptance.

Postconditions: The request is accepted and processed accordingly.

Alternative Flows:

* A1. Accidental Click: Business user accidentally clicks "Accept Request" but selects 'Cancel' in the confirmation dialog. The action is aborted.

### **4. Confirm Completion - User (U)**

Actor: User

Preconditions: User has a request that has been marked as completed.

Basic Flow:

* User views completed requests, which are highlighted.
* User clicks on a completed request to open a window.
* The window contains 'Confirm' and 'Deny' buttons for the user to finalize the request completion.

Postconditions: User has confirmed or denied the completion of the request.

Alternative Flows:

* A1. Dispute Completion: If the user denies the completion due to dissatisfaction, a form appears for the user to provide feedback or dispute the completion.

### **5. Login - User (U) & Business (B)**

Actor: User or Business user

Preconditions: Actor is at the initial login page.

Basic Flow:

* Actor enters username and password.
* Actor clicks the 'Log in' button.
* Actor is taken to their respective page.

Postconditions: Actor is logged in and directed to the appropriate page.

Alternative Flows:

* A1. Incorrect Credentials: If the actor enters incorrect credentials, the system displays an error message, and the actor can attempt to log in again.

### **6. Create Account - User (U) & Business (B)**

Actor: Potential User or Business user

Preconditions: Actor is at the login page.

Basic Flow:

* Actor clicks on the 'Create account' button.
* Actor is taken to the create account page and enters username and password.
* Actor completes account creation.

Postconditions: Actor has created a new account and can log in.

Alternative Flows:

* A1. Duplicate Username: If the username is already taken, the system displays an error message, and the actor is prompted to choose a different username.

### **7. Add Shirt - User (U)**

Actor: User

Preconditions: User is logged in.

Basic Flow:

* User navigates to the 'Add Shirt' section.
* User fills in the details for the new shirt and uploads any required images.
* User clicks the 'Submit' button to add the new shirt.
* The system validates the input and adds the shirt to the user's collection.

Postconditions: The new shirt is added to the user's collection and is available for requests.

Alternative Flows:

* A1. Incomplete Details: If the user leaves required fields empty and attempts to submit, the system displays an error message, and the shirt is not added.
* A2. Image Upload Failure: If the image fails to upload due to format or size issues, the system displays a relevant error message, and the user is prompted to retry.

### **8. Delete Shirt - User (U)**

Actor: User

Preconditions: User is logged in and has shirts in their collection.

Basic Flow:

* User navigates to their shirt collection.
* User selects a shirt to delete and clicks the 'Delete' button.
* A confirmation dialog appears, and the user confirms the deletion.
* The system removes the shirt from the user's collection.

Postconditions: The shirt is removed from the user's collection and is no longer available for requests.

Alternative Flows:

* A1. Cancellation of Deletion: If the user cancels the deletion after the confirmation dialog, the system aborts the deletion process, and the shirt remains in the collection.

### **9. Edit Shirt - User (U)**

Actor: User

Preconditions: User is logged in and has shirts in their collection.

Basic Flow:

* User navigates to their shirt collection.
* User selects a shirt to edit and clicks the 'Edit' button.
* User modifies the shirt details and/or images and submits the changes.
* The system validates the changes and updates the shirt details in the user's collection.

Postconditions: The shirt details are updated in the user's collection and reflected in any future requests.

Alternative Flows:

* A1. Incomplete Details: If the user leaves required fields empty and attempts to submit, the system displays an error message, and the changes are not saved.
* A2. Image Upload Failure: If the image fails to upload due to format or size issues during editing, the system displays a relevant error message, and the user is prompted to retry.