

## Features Implemented:

### 1. Login & User Session Handling:

- Only registered users can log in. User data (including roles like staff, volunteer) can be pre-loaded.
- Passwords are securely hashed (SHA-256 with salt).
- After successful login, users are redirected to the main page and session data is stored. If login fails, no session is created.

### 2. Find Single Item:

- Users enter an itemID to retrieve locations of all pieces of that item.

### 3. Find Order Items:

- Users enter an orderID to get a list of items in that order, along with locations of their pieces.

### 4. Accept Donation:

- Staff check: Ensure user is a staff member.
- Donor validation: Ensure the donor is registered.
- Record donation data, including item details and storage locations.

### 5. Start an Order:

- Staff checks: Ensure user is staff.
- Prompt for client username and validate.
- Generate and store an orderID in a session.

### 6. Add to Current Order:

- Choose categories and view available items not yet ordered.
- Select items, add them to the order, and mark them as ordered.

### 8. User's Tasks:

- Show all orders the logged-in user is associated with, along with relevant details.

### 9. Rank System:

- Option b: Track the most popular category/subcategory based on order count.

### 10. Update Enabled:

- Allow users (delivery agents or supervisors) to update order status.

### 11. Year-End Report:

- Compile data like the number of clients served, items donated per category, and summary data on client assistance.