

Task 5: Add and Delete Products/Buyers

Adding Products/Buyers

1. Purpose

This feature enables users to input and store details of products (e.g., name, price, category) or buyers (e.g., name, email, phone number) in the database for efficient record-keeping.

2. Steps to Implement

- **User Interface:**
 - Design a form with input fields specific to the type of data being added.
 - **For products:** Fields may include Name, Category, Price, Quantity, and Description.
 - **For buyers:** Fields may include Name, Email, Phone Number, and Address.
- **Validation:** Ensure users provide valid inputs (e.g., numeric values for prices and quantities, properly formatted email addresses).
- **Data Submission:** When the form is submitted, process the inputs and insert the data into the appropriate database table.
- **Feedback:** Display a confirmation message upon successful entry or an error message in case of issues (e.g., database connection failure).

3. User Considerations

- Ensure the interface is intuitive and user-friendly.
- Provide placeholder text or tooltips to guide users in filling out each field.
- Implement accessibility features for a more inclusive user experience.

Deleting Products/Buyers

1. Purpose

This feature allows users to remove outdated or irrelevant product or buyer records from the system.

2. Steps to Implement

- **Display Records:** Present products or buyers in a list or table format, highlighting key details like IDs, names, and other relevant attributes.
- **Delete Option:**
 - Include a "Delete" button next to each record for quick removal.
 - Optionally, allow users to select multiple records for bulk deletion.
- **Confirmation:** Before deletion, display a confirmation dialog to prevent accidental data loss.
- **Operation Handling:** Upon confirmation, process the deletion request and remove the selected record(s) from the database.
- **Feedback:** Notify the user of successful deletion or any errors encountered (e.g., attempting to delete a non-existent record).

3. User Considerations

- Warn users if deleting a product or buyer may impact other related records (e.g., sales data or orders associated with the item).
- Provide an easy way to refresh or reload the list after deletions.
- Consider implementing an "Undo" feature or soft deletion to allow data recovery if necessary.

By integrating these features, users can efficiently manage product and buyer records, improving overall system functionality and user experience.