

## **MERN Stack Training**

**Company:** Sensation Software Solutions

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**Training Duration:** 6 Months

**Days:** 75

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### **Objective of the Day**

The aim of Day 75 was to implement the **Delete Product** feature to finalize the CRUD system, including frontend confirmation and backend request handling.

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### **Work Detailed Summary**

#### **1 Delete Workflow**

- Added Delete buttons to ProductCard.
- Attached click handlers prompting user confirmation.
- Sent DELETE request to backend on confirmation.

#### **2 Safety & UX Features**

- Confirmation prompt before proceeding with delete.
- Disabled button during API call to avoid duplicates.
- Removed product instantly from UI for responsive feel.

#### **3 Testing & Validation**

- Deleted multiple products consecutively to verify:
  - ID passing accuracy
  - State refresh handling
  - API delete response structure

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## Final Result

The system now supports **complete CRUD flow**:

Add Product

View Products

Edit Product

Delete Product

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## Conclusion

Day 75 officially completed the **Product Management Module** of GadgetShop.

The frontend and backend are now synchronized and stable enough for scaling into modules like:

- Cart Handling
- Checkout System
- Search & Filtering
- Inventory Management