



HerStack

Build With Us, Build For Her

Dear Student,

Below are simple project ideas that can be completed within 4 days. For each project, you can choose from these technology options:

Flexible Technology Stack

Frontend Options:

- React
- React Native
- JavaScript (Vanilla)
- HTML/CSS + JavaScript
- PHP

Backend Options:

- Express.js (Node.js)
- PHP
- Python (Flask/FastAPI)

Database Options:

- MySQL
- MongoDB
- No Database (localStorage or static JSON)

Choose the technologies you're most comfortable with to complete your project on time.

Project Success Tips for 4-Day Completion

1. **Limit scope:** Focus only on core functionality
2. **Simplify database:** Use 1-2 tables with minimal fields
3. **Use built-in styling:** Leverage Bootstrap or similar for quick UI development
4. **Start with data model:** Define your database structure first
5. **Plan your API:** Map out required endpoints before coding
6. **Project Showcase**
7. **Review and Analysis of Code**

Please respond with:

1. **Your selected project no**
2. **Your preferred tech stack combination (any stack)**
3. **Any questions about implementing your chosen project**

Update the Same in Old Google form link given as it can be editable of your old responses.

[FORM LINK](#)

[Database ER Diagram](#)

Good luck with your project!

E-Commerce Module Options

1. Basic Product Catalog Module

- **Description:** Display products with filtering capabilities
- **Tech Stack:** React + Express.js + MySQL/MongoDB
- **Features:** Product listing, category filters, search functionality
- **Difficulty:** Beginner

2. Simple Checkout Form Module

- **Description:** Collect customer information and order details
- **Tech Stack:** React + PHP/Express.js + MySQL
- **Features:** Address collection, order summary, form validation
- **Difficulty:** Beginner

3. Shopping Cart Module

- **Description:** Add/remove products from cart with quantity adjustments
- **Tech Stack:** React/JavaScript + localStorage (No backend required)
- **Features:** Add to cart, update quantity, remove items, calculate total
- **Difficulty:** Beginner-Intermediate

4. Payment Gateway Integration

- **Description:** Simple payment processing using Stripe/PayPal/Razorpay
- **Tech Stack:** React + Express.js/Flask + No DB
- **Features:** Payment form, test transaction processing, success/failure handling
- **Difficulty:** Intermediate

5. Order Confirmation Module

- **Description:** Generate order confirmation with details and ID
- **Tech Stack:** React + Express.js/PHP + MySQL
- **Features:** Order summary display, confirmation email template, order ID generation
- **Difficulty:** Beginner

6. Basic Order Tracking Module

- **Description:** Allow customers to check order status using order ID
- **Tech Stack:** React + Flask/Express.js + MySQL
- **Features:** Order lookup, status display, estimated delivery
- **Difficulty:** Intermediate

7. Customer Registration Module

- **Description:** Simple user registration and login for customers
- **Tech Stack:** React + Express.js/PHP + MySQL/MongoDB
- **Features:** Registration form, basic authentication, profile display
- **Difficulty:** Beginner-Intermediate

8. Product Review Module

- **Description:** Allow customers to rate and review products
- **Tech Stack:** React + Flask/Express.js + MySQL
- **Features:** Star rating, text review, review display
- **Difficulty:** Intermediate

9. Order History Dashboard

- **Description:** Display past orders for logged-in users
- **Tech Stack:** React + Express.js/PHP + MySQL
- **Features:** Order listing, order details view, filter by date
- **Difficulty:** Intermediate

10. Simple Admin Dashboard

- **Description:** Basic admin panel to view orders and products
- **Tech Stack:** React + Express.js/Flask + MySQL/MongoDB
- **Features:** Order list view, product management, basic stats
- **Difficulty:** Intermediate

11. Wishlist Module

- **Description:** Allow users to save products for later
- **Tech Stack:** React + Express.js/PHP + MySQL
- **Features:** Add to wishlist, remove items, move to cart
- **Difficulty:** Beginner-Intermediate

12. Discount Coupon Module

- **Description:** Apply coupon codes during checkout
- **Tech Stack:** React + Express.js/Flask + MySQL
- **Features:** Coupon validation, discount calculation, error handling
- **Difficulty:** Intermediate

13. Order Notification System

- **Description:** Send email/SMS notifications for order status updates
- **Tech Stack:** React + Express.js (with Nodemailer) + MySQL
- **Alternative:** PHP (with PHPMailer) + MySQL
- **Features:** Email template, status trigger, notification log
- **Difficulty:** Intermediate

14. Inventory Management Module

- **Description:** Simple stock tracking for products
- **Tech Stack:** React + Express.js/PHP + MySQL
- **Features:** Stock update, low stock alerts, inventory listing
- **Difficulty:** Intermediate

15. Payment Receipt Generator

- **Description:** Generate downloadable receipts for completed orders
- **Tech Stack:** React + Express.js/PHP + MySQL
- **Features:** PDF generation, receipt template, download option
- **Difficulty:** Intermediate

16. Address Book Module

- **Description:** Save and manage multiple shipping addresses
- **Tech Stack:** React + Express.js/PHP + MySQL
- **Features:** Address entry, address selection, default address
- **Difficulty:** Beginner-Intermediate

17. Category Navigator Module

- **Description:** Browse products by category and subcategory
- **Tech Stack:** React + Express.js/Flask + MySQL/MongoDB
- **Features:** Category tree, filter by category, breadcrumb navigation
- **Difficulty:** Beginner-Intermediate

18. Order Summary Visualization

- **Description:** Display order data with simple charts
- **Tech Stack:** React (with Chart.js) + Express.js/PHP + MySQL
- **Features:** Order counts by status, revenue chart, product popularity
- **Difficulty:** Intermediate

