

# EasyMart Project Timeline

## Project Duration

**Project Duration:** February 1, 2025 – March 31, 2025

**Submission Deadline:** March 31, 2025

## Timeline Details

### February 1 – February 7 (Week 1): Research & Planning

- Conduct research on e-commerce platforms and key features.
- Finalize the project scope and objectives.
- Prepare and submit the project synopsis.

### February 8 – February 14 (Week 2): UI/UX Design

- Create wireframes and UI mockups.
- Choose frontend technologies (HTML, CSS, JavaScript, Bootstrap).
- Design the homepage, product listing, and shopping cart.

### February 15 – February 21 (Week 3): Backend Setup & Database Design

- Set up a development environment (XAMPP for PHP & MySQL).
- Design the database schema (tables for products, users, cart, orders).
- Develop basic CRUD operations for product management.

### February 22 – February 28 (Week 4): Frontend Development

- Develop homepage and product listing page.
- Implement shopping cart functionality.
- Ensure responsive design for mobile compatibility.

### March 1 – March 7 (Week 5): Backend Development

- Implement user authentication (login, registration).
- Develop shopping cart and order confirmation system.
- Integrate backend with frontend.

### March 8 – March 14 (Week 6): Testing & Debugging

- Perform unit testing on individual components.
- Fix bugs and improve code quality.

- Ensure database security and performance optimization.

### **March 15 – March 21 (Week 7): Final Touches & Deployment**

- Enhance UI/UX based on feedback.
- Deploy project on a local server (XAMPP) or free hosting platform.
- Prepare project documentation.

### **March 22 – March 31 (Week 8 & 9): Report Writing & Submission**

- Write the final project report.
- Prepare a project presentation.
- Review and submit the project by March 31, 2025.