

Project Plan

Team Roles

- **Tanisha Magikar**
 - Frontend UI/UX development
 - Product data management
 - Form validation and authentication UI
 - Final video presentation and procedural demo
- **Shubam Chaudhari**
 - Backend API development
 - Music player integration
 - Cart, checkout, and state management
 - Final video presentation for technical explanation

Tech Stack

Frontend:

- React.js + JSX
- React Router
- Bootstrap / React-Bootstrap
- Figma (wireframes/designs)

Backend:

- Node.js
- Express.js
- JSON file or MongoDB

Version Control & PM:

- GitLab (with Issue Boards)
- SCRUM-based Agile workflow
- Weekly check-ins

Key Features

- 1. Homepage with featured items
- 2. Login & Signup with form validation
- 3. Product catalog with filters and search
- 4. Music player (Play/Pause, Volume, Playlist)
- 5. Product reviews (Add + View)
- 6. Cart & Checkout with form validation
- 7. Responsive design across all screen sizes

Expected Challenges

- Ensuring seamless audio playback during navigation
- React state management for cart and login sessions
- API integration with backend for reviews, login, and checkout
- Responsive design tweaks
- Managing time efficiently during finals week

Task Breakdown & Timeline

Week	Dates (2025)	Tasks	Responsible Person
1	Apr 21 – Apr 27	Finalize feature list, create wireframes (Figma), setup repo	Both
2	Apr 28 – May 4	Build homepage, navbar, and login/signup forms	Tanisha
		Setup backend Express server, user auth API endpoints	Shubam
3	May 5 – May 11	Product catalog UI, product card components, search & filter	Tanisha
		Serve product data from backend, integrate product routes	Shubam
4	May 12 – May 18	Music player UI and logic with song list	Both

		Cart logic, backend for orders, review endpoints	Shubam
5	May 19 – May 23	Checkout form, form validation, responsive fixes	Tanisha
		Integration testing (frontend/backend), debug	Shubam
6	May 24 – May 26	Final testing record demo video	Both