

Project Overview

This document summarizes the current features of the Audiobook Platform and suggests potential additions to enhance functionality.

Current Features

1. Routing & Pages

- Home (/)
- Book Details (/BookDetail)
- Admin Dashboard (/admin)

2. Audio Player

- Global audio context (AudioPlayerContext)
- Floating audio player component that appears when playing
- Play, pause, stop controls via UI button

3. Navigation

- Responsive Navbar with links to Home, Book Details, and Admin

4. Architecture & Tech Stack

- React (with React Router v6)
- Context API for state management (audio)
- CSS modules for component styling
- single-page application structure

Potential Enhancements

• User Management & Authentication

- Sign-up / login flows
- Role-based access (e.g., Admin vs. User)

• Search & Filtering

- Search bar on Home for books by title/author
- Filters by genre, duration, author

• Book Reviews & Ratings

- Star ratings and user comments
- Aggregate rating display on Book Details

• Shopping & Payments

- "Add to cart" functionality
- Stripe integration for secure checkout

• UI/UX Improvements

- Dark / light mode toggle
- Mobile-first responsive design
- Animations for player transitions

• Performance & Offline

- Code splitting / lazy loading
- PWA setup for offline listening

• Analytics & Monitoring

- Track listens, popular books
- Logging errors and performance metrics

Feel free to share this overview with clients and let me know if you'd like more details or additional sections!