

Day 1 implementation Report

Marketplace Builder Hackathon - Day 1 Report

Project Name: Furniro - A Modern Furniture Marketplace

1. Overview

Furniro is an innovative online marketplace designed to streamline the shopping experience for furniture buyers. The platform offers a wide range of products, an intuitive user interface, and seamless navigation, making it an ideal destination for modern furniture shopping.

2. Objectives of Day 1

The primary goal of **Day 1** was to lay the foundation for the marketplace by focusing on:

- **Project Structure Setup:** Establishing the basic file and folder structure.
- **Choosing the Tech Stack:** Deciding the best technologies to build the platform.
- **Setting Up Next.js Environment:** Installing dependencies and initializing the development environment.
- **Building Essential Components:** Creating the first layout and UI components.

3. Tech Stack

For **Furniro**, the following technologies were used:

- **Frontend:** Next.js (React-based framework for server-side rendering)
- **Styling:** CSS Modules & Styled Components for a clean UI
- **Backend API:** Integrated using REST APIs for product management
- **Database:** Firebase/Firestore for product storage and authentication
- **Hosting & Deployment:** Vercel for seamless deployment

4. Features Implemented on Day 1

1. **Project Initialization:**
 - Installed Next.js, React, and essential dependencies.
 - Set up the basic folder structure (`components/`, `pages/`, `public/`).
2. **Homepage Layout:**
 - Designed a minimalist and visually appealing homepage.
 - Implemented a responsive header and navigation bar.
3. **Product Page Setup:**
 - Created a dynamic product listing page.
 - Implemented a grid layout to display furniture items efficiently.

4. Routing & Navigation:

- Configured `next/link` for smooth page transitions.
- Set up initial routes for Home, Product, and Cart pages.

Future Enhancements

- Improve UI/UX with more interactive components.
- Integrate a backend database for real-time product updates.
- Implement an authentication system for user accounts.
- Optimize performance and SEO using Next.js features like `getServerSideProps`.

5. Conclusion

Day 1 successfully established the foundation for **Furniro** by setting up the Next.js environment, structuring the project, and implementing key UI components. The website is now ready for further enhancements in the upcoming days of the hackathon.