

Winter of Code 5.0

Proposal

for the Project

“Cooketh Flow – Product Website Development”

under



About Me

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Synopsis

The Cooketh Flow Product Website project focuses on building a modern, high-performance, and pixel-perfect marketing website to showcase the Cooketh Flow platform, its features, and real-world use cases. The website will be developed completely from scratch using modern frontend technologies and optimized for responsiveness, usability, and performance.

The goal is to create a visually polished and conversion-focused website that clearly communicates the product's value, improves user onboarding, and strengthens Cooketh Flow's online presence.

Benefits to the Community

This project will benefit the organization and users by:

- Providing a professional and production-ready product website.
- Improving product visibility and user adoption.
- Delivering a pixel-perfect UI based on provided designs.
- Ensuring full responsiveness across mobile, tablet, and desktop.
- Improving brand credibility and trust for open-source contributors and users.
- Creating a reusable frontend codebase for future feature expansion.

Project Plan

Tech Stack

- HTML5
- Tailwind CSS
- JavaScript (ES6+)
- React.js
- Next.js

Development Approach

1. Analyze provided UI/UX designs and define page structure.
2. Set up Next.js project with Tailwind CSS configuration.
3. Build reusable UI components (navbar, footer, cards, sections).
4. Implement all pages with strict pixel-perfect accuracy.
5. Optimize responsiveness for mobile and tablet screens.
6. Improve performance using Next.js optimizations (SSR, image optimization, code splitting).
7. Conduct cross-browser testing and accessibility checks.
8. Submit modular pull requests with proper reviews.

Milestones

Milestone	Tentative Date	KPI
Week 1	01 Feb 2026 – 07 Feb 2026	Project setup, design review, routing structure, Tailwind configuration
Week 2	08 Feb 2026 – 14 Feb 2026	Homepage layout with pixel-perfect UI
Week 3	15 Feb 2026 – 21 Feb 2026	Features, use-cases & product sections
Week 4	22 Feb 2026 – 28 Feb 2026	Responsive implementation (mobile & tablet)
Week 5	01 Mar 2026 – 07 Mar 2026	Performance optimization & SEO setup
Week 6	08 Mar 2026 – 15 Mar 2026	Final testing, bug fixes, documentation & PR merges

Deliverables

- Fully developed product website using Next.js & Tailwind CSS.
- Pixel-perfect UI implementation based on provided designs.
- Responsive layouts for mobile, tablet, and desktop.
- Optimized performance and SEO-friendly structure.
- Reusable React component library.
- Clean, documented codebase.
- Final deployment-ready build.
- Merged pull requests and setup documentation.

Acknowledgement

I would like to express my sincere gratitude to the **Winter of Code (WoC) 5.0** organizing team for creating such a valuable platform that connects students with impactful open-source projects and real-world development practices. This program provides an exceptional opportunity to enhance technical skills, collaborate with experienced developers, and contribute to software that is used globally.

I also extend my appreciation to the **Cooketh Flow** and the open-source community for maintaining such a well-structured and impactful project. Lastly, I thank all contributors and reviewers whose efforts make collaborative development possible and meaningful.

I look forward to learning from this experience and delivering contributions that add long-term value to the project and the broader developer community.