

Project Progress 4 Summary (24th October to 6th November)

Project Progress Summary

Project Description: EnabledAI Web Version — Elderly Care Companion Website

The EnabledAI Web Version is a responsive and accessible web application designed to support elderly users in managing their daily health and wellness activities. This project involved fully converting the original React Native mobile application into a web-based React platform, ensuring broader accessibility through desktop and tablet devices.

Key Work Done

- Re-engineered the mobile version into a complete React web application using Vite for fast builds and TypeScript for type safety. All core screens were successfully converted.
- Implemented secure login and signup functionality using Supabase as the backend for authentication and user management.
- Developed features to track vital signs such as blood pressure, heart rate, temperature, weight, blood sugar, and oxygen levels, enabling elderly users to manage their health data in one place.
- Designed a user-friendly interface with CSS gradients, large touch-friendly buttons, and clear typography, optimized for both desktop and tablet devices.
- Used React Context API for managing app-wide settings such as font size and language preferences, with persistence through localStorage.
- Replaced React Native-specific components with standard web equivalents:
 - TouchableOpacity → button
 - ScrollView → scrollable div
 - LinearGradient → CSS-based gradients
 - AsyncStorage → localStorage
 - Ionicons → react-icons/io

Date	Number of Hours	Description of Work Done
Oct 24, 2025	1 hrs	team discussion to outline core functionalities for the web application.
Oct 25, 2025	1.5 hrs	Conducted research on suitable UI component libraries.
Oct 27, 2025	2 hrs	Created initial wireframes and layout design for the application screens.
Oct 29, 2025	3 hrs	Team meeting to review progress, UI flow, and the structure of key modules.
Oct 31, 2025	2 hrs	Prepared and added the project README and documentation for the web version of EnabledAI to GitHub under the Aafrin_web branch.
Nov 1, 2025	1.5 hrs	Began web development of the base project; set up folder structure and configuration files (Vite, tsconfig).
Nov 3, 2025	3 hrs	Developed and considered different styles for the web screens (AuthScreen.tsx, AuthScreen.css & more).
Nov 4, 2025	4 hrs	Implementation of web
Nov 5, 2025	1.5 hrs	Team meeting to practice demo midterm video. Testing web functional screens (AIChatScreen, AdminDashboardScreen, HealthMonitoringScreen, etc.).
Nov 6, 2025	3.5 hrs	committed files (App.tsx, main.tsx, contexts, utils, and components) to GitHub under the aafrin_web branch. Verifying repository integrity and structure.

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Repository Check in

Worked with **Aafrin_web** branch to build a fully working website and test creation with

November 6th

- Pushed web project(including all core screens) to git on new branch Aafrin_web.