



GITGOOD
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GITHUB STRUCTURE AND BRANCHING STRATEGY

DEMO 1

WEATHER TO WEAR



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INTRODUCTION

We, the team of Weather to Wear, have decided on a preliminary standard for how we will utilize GitHub in this project. This document outlines the GitHub Structure and Branching Strategies.

OVERVIEW

The Weather to Wear project follows a monorepo structure, consolidating all components into a single GitHub repository for easier collaboration, integration, and deployment. The repository contains two main applications:

- **app-backend/** - Node.js backend with PostgreSQL, Dockerized and tested using Jest.
- **app-mobile/** - Frontend/mobile interface (under development).
- **.github/** - GitHub Actions workflows for CI/CD.
- **docs/** - Project documentation and planning assets.
- **infra/** - Infrastructure and deployment configurations.

We use a standardized Git branching model to support team collaboration and feature isolation:

- **main** - Stable production-ready branch.
- **dev** - Integration branch for completed features and testing.
- **feature/<name>** - Individual feature branches created from dev.
- **hotfix/<name>** - Emergency fixes branched from main.