**## GitHub Dashboard**

This is a frontend assignment project that allows you search GitHub repositories, view detailed repository and user profiles, explore issues in a kanban view, and switch between dark/light modes — all with a slick, responsive UI.

**## ✨ Features**

Search GitHub Repositories by name and language.

View Repository Details including top contributors, languages, and quick access to issues.

Profile Page for GitHub users with:

Top starred repositories

Recent commits

List of followers (with drill-down)

Kanban-style Issues View (open/closed)

Dark/Light Mode Toggle with persistent theme

Persistent Search State using localStorage

Fully Responsive UI

**## App Flow**

1. Search Page

   Default search loads popular repositories (e.g. “React”).

You can filter by language, change pages, and see trimmed repo descriptions.

Clicking a repo opens a details page.

2. Repo Details Page

   Shows languages used, stars, forks, and contributors.

Contributor links open their Profile Page, with back-navigation support.

3. Profile Page

   Displays user's name, avatar, bio, followers, top repos, and recent commits.

Click a follower to dive deeper into their profile.

Go back to previous users or the previous page (if redirected from a card).

4. Issues Page

   Kanban-style board with "To Do" (open issues) and "Done" (closed issues).

Option to switch to a list view.

5. Header

   Navigation links to "Search" and "Profile".

Theme switcher powered by localStorage.

**## Tech Stack**

React Frontend Framework

TypeScript Type safety

React Router Routing between pages

React Query API data fetching & caching

Redux Toolkit Issues management (Kanban)

SCSS Modular, themeable styling

GitHub REST API Data Source

Lucide Icons Icon Library for UI polish

**## 🚀 Getting Started**

1. Clone the Repository

   git clone https://github.com/SamsulAlomLaskar/github-dashboard.git

   cd github-dashboard

2. Install Dependencies

   Make sure you have Node.js (v20+) and npm installed.

npm install 3. Run the App Locally

npm run dev

http://localhost:5173

**## Environment Configuration**

.env setup is required as the app uses GitHub’s APIs

.env File Setup

1. Create the .env file at the project root

2. Add GitHub token inside provided below

   VITE\_GITHUB\_TOKEN=github\_pat\_11AV2Y4CI0k3ARUfUOgbcw\_n07ldT2zUE3vynFR0roW0lqlWJ8DYisojK81g3D0K4K3DYSV5JYpQBqV2Ih

**## 📷 Preview**

Light Mode Dark Mode

🧪 Bonus Features

Pagination buttons that auto-adjust as you browse.

Back buttons that are smart — they appear based on navigation context.

Persistent theme and search state across reloads.

Custom icons using Lucide (Search, ChevronLeft, etc.)

🙌 Author

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