

Projector – Web App UI Specification

Version: 1.0

Overview

Projector is a web-based project management application designed for tracking tasks, monitoring progress, and enabling team collaboration. The interface follows a three-column layout with responsive design principles:

1. Left Sidebar – Navigation and workspace hierarchy
2. Main Dashboard – Active projects, trending items, and personal tasks
3. Right Sidebar – Calendar, schedule, and promotional modules

Layout Structure

Grid system: 3-column responsive grid (20% | 55% | 25%), collapsible sidebars under 992px.

Left Sidebar Navigation

Includes sections for Home, Notes, Goals, Activity, and expandable spaces for Publications, Shots (Dribbble, Behance), Articles, Social, Commercial, Internal, and a bottom '+' button.

Main Dashboard

Header includes search, settings, user profile, agenda, mentions, and calendar. Features progress widget ("Write an article about Vue.js" 31%), LineUp, Trending, and My Work sections with tabbed task views (To do, Comments, Done, Delegate).

Right Sidebar

Monthly calendar view (e.g., July 2023) with task bubbles, progress indicators, and avatars.

Includes a promotional card for "Projector Pro" upgrade.

Styling & Components

Modern sans-serif typography, blue/purple palette, rounded cards (radius 16px), shadowed containers, hover elevation, consistent iconography, and responsive scaling.

Tech Stack

Frontend: React.js / Next.js, Tailwind CSS, Redux Toolkit. Backend: Node.js/Express, PostgreSQL, Firebase Auth, AWS S3 for storage.

Accessibility & Responsiveness

Keyboard navigation, ARIA labels, contrast 4.5:1, responsive down to mobile view ($\leq 767\text{px}$).

File Structure (Proposed)

src/components, pages, assets, styles, utils. Future features: dark mode, drag-and-drop, AI task suggestions.

End of Specification Document