← All_Modules_Roadmap.docx

🗺️ Full Roadmap – All Modules

Team: 1 Developer & 1 Intern

Stack: React.js (Vite) + TailwindCSS + Firebase/Supabase (or Node.js + PostgreSQL)

1. Setup & Shared Infrastructure

Task	Est. Time	Assigned
React + Vite + Tailwind + React Router	2 days	Dev + Intern
Auth/Role Integration (Admin, Users)	3 days	Dev + Intern
Sidebar + TopNav Layout	1 day	Intern

2. Project Management Module

Task	Est. Time	Assigned
Create/Edit/Delete Projects	3 days	Dev
List Projects w/ Filters	2 days	Intern
Kanban Board + Drag & Drop	4 days	Dev
Calendar + Gantt Views	4 days	Dev
Task Comments + Mentions	2 days	Dev
File Attachments in Tasks	2 days	Intern
Team Assignment to Projects/Tasks	2 days	Dev
Project Settings (rename/archive/delete)	2 days	Intern

3. HR Management Module

Task	Est. Time	Assigned
Employee Directory	2 days	Intern
Leave & Attendance Tracking	3 days	Dev
Document Upload & Storage	2 days	Intern
Onboarding/Offboarding Workflows	2 days	Dev

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4. Communication Module (Slack-like)

Task	Est. Time	Assigned
Team Channels & Direct Messaging	2 days	Dev
Threaded Conversation Support	3 days	Dev
File Sharing in Chats	2 days	Intern
Notifications & Mentions	2 days	Dev
Voice/Video Chat (WebRTC optional)	4 days	Dev

5. Reporting Module

Task	Est. Time	Assigned
Task Completion Reports	2 days	Intern
User/Team Activity Logs	2 days	Intern
Export to CSV/PDF	1 day	Intern
Analytics Dashboard (KPIs, Charts)	2 days	Dev

6. Time Tracking Module (Upwork-style)

Task	Est. Time	Assigned
Manual + Automatic Time Tracker	3 days	Dev
Periodic Screenshot Capture	3 days	Dev
Activity Monitoring (Keystroke/Mouse)	2 days	Dev
Idle Time Detection & Alerts	1 day	Dev
Timesheets Submission & Approval Flow	2 days	Dev

7. QA, Testing & Deployment

Task	Est. Time	Assigned
Manual & Component Testing	2 days	Intern
Bug Fixes & Optimizations	2 days	Dev
Setup CI/CD (Vercel/Netlify)	1 day	Dev