Hello there, please analyse our current directory, it is a qa system that i am developing for my company SGA. Under "C:\Dhruv\sga-qa-system\archive\readme\sga-qa-pack (Original Code) (Readme)" resides the original code of an app that I built. Understand it by heart, that is the reference material for standards and requirements for our project. See how the engineer or admin creates a job, it gets on scheduler for everyone to see. assignes it to a foreman, the foreman get's a notification of upcoming works and time left to submit it. They fill out their qa pack, exactly as described in these forms. exports the pdf in a similar minimal, formal format with page settings including header and footer copied as is. Now analyse the complete of rest of the directory, understand every single thing on what we have achieved from this inital plan. I am using claude code as the brains for this project, claude code is running in the powershell on my macbook. I have connect 2x opencode.ai accounts running grok code fats 1 via API keys, 2x openrouter.ai accounts running qwen 2.5 and deepeseek 3.1 (free) via api keys and then I have my gemini 3 pro accoutn as well via api keys. Make a plan for claude to finish this project to 100% by utilising this ai worker team in a powershell window. You will leave a plan for claude code, claude code will understand it, run this ai team to exactly complete/diagnose and evolve this plan as it goes until the project is finished to 100%. i want claude code to use this ai worker team in a secure way so they do all the hard coding work in a secure way, claude feeds them smart information to achieve goals in a secure way so the free models are accessed with privacy in mind. In addition to our current features, I wanna add a full scheduling system where the scheduler takes orders from clients, the orders could be weeks in advance, makes a plan(Basic info from jobsheets- client, project, location, job number, area, thickness, asphalt plant etc. (Smart forms like this as per division- profiling, spray and asphalt intelligent forms)) and assigns crews to them. This info goes on a master calendar, which is accessible by all the admins, engineers, upper management, everyone can filter smartly and division wise, crew the engineers and admins then come in, create jobsheets, shift plans for these crews and assign them to foremen. The foremen does their daily qa packs(exactly as described in the forms in our old app. The foreman submits the qa pack, it is saved as a pdf with formatting as described in our old app. All of this data and automation is done by using my company's office 365 platform. Power automate, power flows, copilot, sharepoint and other office 365 apps. the UI is deployed on a vercel pro account to create this totally custom PWA app. I have already created a sharepoint site dedicated to this project- https://sgagroupcomau.sharepoint.com/sites/SGAQualityAssurance this is where all the data will be saved securely. use copilot for that. please also use teams integration for calendars so everyone's actual teams calendar is integrated in the app. I would prefer if the master calendar is also a teams shared calendar accessible by people as discussed both in our vercel system and their actual microsoft calendars as well. Also when the scheduler adds a job, each client will have a tier rank to it (Tier 1, Tier 2, Tier 3). The jobs will be assigned to both (project owners- engineers and admins) who will be responsible for the project. Each job will be scoped out by our

supervisors/admins/engineers as per availability and assignment. Tier 1 contractors will have 3 site visits before the project- 14 days out, 7 days out, 3 days out. Tier 2 contractors will have 2 site visits- 7 days out, 3 days out. Tier 3 contractors will have 1 site visit (Within 72 hours of the project). So the scheduler will select the project owner on the main scheduling system, it will be assigned to 1 project owner, 1 person who will scope it (May/may not be the project owner)> Both if these notifications will go out and all site visit notifications will be automated in their teams calendar and the master calendar, again visible by admins, engineer and upper management. Each person who does a job scope, will fill out a scope report for every single site visit they do (3 or 2 or 1). These job reports will be saved professionally as pdfs in sharepoint and an automatic summary will be sent in a dedicated teams group for job scope information. The project owner- admin/engineer will create shift plans and jobsheets, saves them and these jobsheets and shift plans will be saved in the same pdf format in sharepoint and an automated summary will be shared in a dedicated shift plan group (1 group dedicated per crew) in teams. These shifts will be assigned to foremen who run these crews (Asphalt, profiling, grooving or spray) and they will be able to see their calendars using the vercel app on their ipads and their outlook calendar for their past and future works. for past works, they can see submitted reports, for future works, they can see jobsheets. All users will be setup using azure and use their existing microsoft outlook accounts. using microsoft forms, flows, automate, teams, copilot will be used for day to day operation of this project. So we will have a full bulletproof qa system required for a company. Lastly, I want to add an ai agent using copilot that will act as a project manager. That agent will understand all the days worked for each project across all division, make full project reports, answer queries after reading and understanding all these project documents. All of the data should be saved securely in sharepoint. All summaries automated to teams group. apps made user friendly, professional and minimalist using sga official logo- saved under- "C:\Dhruv\sga-qa-system\archive\readme\SGA Logo.png" all generated pdfs should have this logo as well top left, margins- 0.3-1.8, SGA watermark on the page, page number-footer- bottom right, Printed Copies are uncontrolled documents warning- footer-center, document id and version in bottom left footer. Please understand all these requirements and make a plan and leave it as an instructions for claude code to achieve this vision for me using our ai workers team. thanks. Understand all the progress we have achieved before you generate this plan to make it relevant for claude please, make/update /init file too please thanks. delete files you think are not required, cleanup the code or ask claude to do so. I wanna make this app ready for commercial deployment. Thanks. Also at any point of this project, we won't use power apps unles the user is given 100% ready to import fully functioning apps.