🔥 Goal

Deliver a working backend (Supabase + Node.js + Twilio + Rules Engine) in 4 days,
with **Pair 1 (Chatrapathi + Apoorva)** owning **data & worker**,
and **Pair 2 (Viditi + Dinesh)** owning **engine & rules**.

📅 4-Day Plan

Day	Pair 1 (Chatrapathi + Apoorva) – DB & Follow-Up Worker	Pair 2 (Viditi + Dinesh) – Engine & Rules
Day 1	- Design all tables: templates, rules, contacts_state, opt_outs, logs. - Write migrations and seed initial data. - Build Supabase CRUD helpers.	- Set up Node.js backend skeleton, routes. - Configure Twilio webhook endpoint. - Define request/response payloads.
Day 2	- Integrate CRUD helpers with backend. - Add contacts_state updates (new → awaiting_confirmation → confirmed/canceled).	- Implement rule evaluation engine (STOP, HELP, YES, NO, RESCHEDULE). - Create template rendering with placeholders ({{business_name}}, etc.).
Day 3	- Build follow-up worker structure (cron/queue). - Write SQL selection queries for Day-2 and Day-5 follow-ups.	- Add Twilio outbound sending logic with idempotency. - Start implementing advanced rules (HOURS, ADDRESS, PRICING).
Day 4	- Complete follow-up worker logic (integrate with Twilio sends). - Polish schema queries, ensure reliability.	- Add fallback AI escalation (if no rule match). - Finalize advanced rules and error handling.

✅ Deliverables by End of Day 4

- **Stable DB schema** with all tables, migrations, and seeded data.

- **Working Twilio integration** for inbound/outbound messaging.

- **Rule engine** for v1 & v2 rules.

- **Automated Day-2 & Day-5 follow-up worker**.

- **Error handling + basic docs**.