

Design Platform – 3-Day Sprint Plan

Yash (Frontend / UI)

Day 1 (UI Skeleton):

- Build React UI skeleton: input box, JSON viewer, preview area.
- Fetch /generate endpoint → display JSON spec.
- Set daily AIM + EOD PROGRESS.

Day 2 (Feedback + Iteration):

- Add rating component (stars 1–5).
- Wire to /evaluate + /iterate API endpoints.
- Integration checkpoint: Confirm CORS + API contract with Anmol.

Day 3 (Preview + Error Handling):

- Integrate preview component (three.js viewer).
- Display Bhavesh's assets from /stub/generate.
- Gracefully show backend errors in UI.
- Push branch + log AIM/PROGRESS..

Integration Flow by Day

- Day 1 → Backend, UI skeleton, DB setup, stub API live.
- Day 2 → Frontend connects to backend (generate + evaluate), stub tested.
- Day 3 → Full loop: prompt → JSON → preview → rating → iteration → stored in DB.

At the end of Day 3, we'll have a working MVP flow (even if assets are simple).

Mandatory Requirement:

Every member must:

- Start day with AIM note in task manager.
- End day with PROGRESS note (what done, what failed, what grateful for).

- Anmol (soft lead) compiles summary in /reports/lead_log.txt.

Frontend UI (Yash – React App)

- Integration Point:
Calls Anmol's backend endpoints + displays Bhavesh's preview assets.
- Note:
Needs clean API docs + CORS setup. Also must handle error messages gracefully.

Short Summary:

Each of you owns a piece, but your piece must fit into Anmol's backend. Yash shows it, Bhavesh gives visuals, Nipun stores it, Nisarg orchestrates it. Integration happens through clear contracts (API + DB + format). Anmol is soft lead → his job is to keep everyone synced.

Production Readiness (All, led by Anmol)

- Integration Point:
Security (JWT), monitoring, CI/CD, AIM/PROGRESS logs.
- Note:
Shared responsibility, but Anmol as soft lead ensures consistency and integration across all.