**Task 4.3 — Messages Table in PostgreSQL**

I have a project called Mivton — a multilingual chat platform — in a folder called Mivton on my Desktop. It’s a Node.js + Express.js backend, PostgreSQL DB, vanilla HTML/CSS/JS frontend, deployed to Railway. You must only edit files inside the Mivton folder. I will deploy using Railway CLI, so your changes must run locally with npm start and on Railway without extra setup.

**What to do:**

1. Add SQL in database/schema.sql:

create table if not exists messages(

id bigserial primary key,

sender\_id text not null,

recipient\_id text not null,

body text not null,

created\_at timestamptz default now()

);

1. create index if not exists idx\_messages\_recipient\_time on messages(recipient\_id, created\_at desc); Create database/messages.js with functions:
   * saveMessage(senderId, recipientId, body)
   * getRecentConversation(userA, userB, limit=50)
2. Add temporary dev endpoints:
   * POST /dev/seed-message to insert a test row.
   * GET /dev/last-messages?userA=a&userB=b to return JSON.

Tell me when is ready for me to run railway up in the terminal.

**Testing:**

The app is live and I have live users. Tell me if there is any way to test with them or more elements have to be implemented before of that.