CREATE TABLE citizens (

citizen\_id SERIAL PRIMARY KEY,

full\_name VARCHAR(100) NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password\_hash VARCHAR(255) NOT NULL,

location VARCHAR(100),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE services (

service\_id SERIAL PRIMARY KEY,

name VARCHAR(100) NOT NULL,

department VARCHAR(100),

description TEXT,

contact\_email VARCHAR(100),

location VARCHAR(100)

);

CREATE TABLE queries (

query\_id SERIAL PRIMARY KEY,

citizen\_id INT REFERENCES citizens(citizen\_id),

question TEXT NOT NULL,

ai\_response TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE feedback (

feedback\_id SERIAL PRIMARY KEY,

citizen\_id INT REFERENCES citizens(citizen\_id),

query\_id INT REFERENCES queries(query\_id),

rating INT CHECK (rating >= 1 AND rating <= 5),

comments TEXT,

submitted\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE notifications (

notification\_id SERIAL PRIMARY KEY,

citizen\_id INT REFERENCES citizens(citizen\_id),

message TEXT NOT NULL,

is\_read BOOLEAN DEFAULT FALSE,

sent\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);