# 1) Unzip & enter the folder

cd Downloads && unzip Shrey\_TakeHome\_ForaChatbot\_normalize\_service.zip && cd normalize\_service

# 2) Create env & install-

python -m venv .venv && source .venv/bin/activate

pip install -r requirements.txt (download all required libraries)  
  
pip install "pydantic[email]"

# 3) Start the API-

uvicorn app:app --reload --port 8000  
(So that Ngrok can recognize this)  
  
ngrok http 8000 (on a new terminal)  
  
⚠️ ngrok URLs change each time unless you have a paid plan.

Test Cases -

curl -sS -X POST https://<NGROK\_URL>/normalize \

-H "Content-Type: application/json" \

-d '{"message\_id":"88e998","text":"Hi Fora, I'\''m Shrey Kamdar (516-322-0440) in 11233. I have misplaced my passport in Brooklyn, Please Help!"}' | jq

curl -sS -X POST https://<NGROK\_URL>/normalize \

-H "Content-Type: application/json" \

-d '{"message\_id":"test\_urgent","text":"My flight is in 3 hours, can you confirm my booking?"}' | jq

curl -sS -X POST https://<NGROK\_URL>/normalize \

-H "Content-Type: application/json" \

-d '{"message\_id":"test\_base","text":"Planning Rome in October with a stay at Chapter Roma and maybe NYC"}' | jq

Loom Video -

<https://www.loom.com/share/5cd3076d053f4730a94ba12e3d214c96?sid=fbec2e3a-2cb3-4764-9588-699bb2158ee2>