Genie License - "You wish for an earlier G appointment — it appears."

Implementation (what we want it to do):
The idea…

🚗 Overview

Genie License is an AI-powered automation tool designed to simplify the process of booking and managing driving test appointments in Ontario. The system continuously monitors the official G-License appointment portal for newly available time slots and intelligently notifies the user when earlier dates become available.

If a new appointment earlier than the current one appears, the bot instantly alerts the user via notification (email, text, or app message) and asks whether they'd like to rebook. Upon user confirmation, the bot automatically books the new appointment and cancels the old one, all within seconds.

Tech Stack:
Cloud:
- Azure

Backend:
- FastAPI
- Python
- SQLalchemy
- pydantic
- Hugging Face
- Kaggle
- PostgresSQL
- N8N
- Meta Lama for open-source chat model
- Twilio / Telegram API (for real-time alerts)
- Pypdf (in case we need ot upload PDFs)
- UserAuthentication
  - JWT Tokens

Frontend:
- React.js (for website), React Native (for mobile app)
- Tailwind.css

SUNDAY 12 PM Weekly meeting

Week 1 Task split: Education session

- Watch the video on N8N.
- Educate on backend tools and libraries.