

InspiroGPT Mission Guide

Mission: Launch InspiroGPT in 48 Hours

Overview:

Build and launch a Flask-based SaaS app that delivers AI-generated inspirational quotes via REST API, with full usage tracking, tiered billing, and Notion logging.

PHASE 1: SETUP & PROJECT FOUNDATION (0-4 hrs)

1. Create the project structure

```
mkdir inspirogpt && cd inspirogpt
python3 -m venv venv
source venv/bin/activate
pip install flask openai stripe requests python-dotenv notion-client
```

2. Initialize GitHub repo

- git init
- Connect to new GitHub repo and push regularly.

3. Define .env with API Keys:

```
OPENAI_API_KEY=your_openai_key
STRIPE_SECRET_KEY=your_stripe_key
NOTION_TOKEN=your_notion_token
NOTION_DB_ID=your_database_id
```

PHASE 2: CORE BACKEND FUNCTIONALITY (4-12 hrs)

1. Build Flask API

- Endpoints:
 - GET /random - Generates a random quote.
 - GET /theme/<theme> - Theme-specific quote.
 - GET /usage - Returns user's usage.
- Use request.headers to authenticate via API key.

2. Integrate OpenAI API

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```
import openai  
  
openai.api_key = os.getenv("OPENAI_API_KEY")  
  
def generate_quote(theme=None):  
    prompt = f"Inspirational quote about {theme or 'life'}"  
    # Call OpenAI API here
```

3. Add Swagger docs with Flask-Swagger or ReDoc

PHASE 3: AUTH, STRIPE, USAGE LOGGING (12-24 hrs)

1. Implement Account System

- Signup endpoint (email + password).
- Store API keys per user.

2. Stripe Billing

- 3 tiers:
 - Free: 1000 calls/month
 - Pro: \$15/mo
 - Ultra: (customizable)
- Use Stripe's customer portal.

3. Track Usage

- Store requests per API key.
- If over limit, return error.

4. Notion Integration

- Use notion-client to:
 - Log signups
 - Log API usage daily

PHASE 4: DEPLOYMENT & POLISH (24-40 hrs)

1. Deploy to Railway or Render

- HTTPS, environment variables set.

2. Push to GitHub

- Include README.md:

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- Setup instructions
- Example requests
- Stripe usage
- Notion logging explanation

3. Test Billing Tiers + API Limits

- Free: 1000
- Pro: Unlimited (or 10k)
- Ultra: Custom

PHASE 5: LAUNCH & DISTRIBUTION (40-48 hrs)

1. Submit to RapidAPI

- Add documentation, categories, and examples.

2. Launch on Product Hunt

- Prepare visuals and product story.
- Share Notion log + GitHub repo.

Check-In Schedule

- Every 4 hours: Post update to Notion board or DM progress/blockers.