

AI Multi-Agent Sales Pipeline Assistant

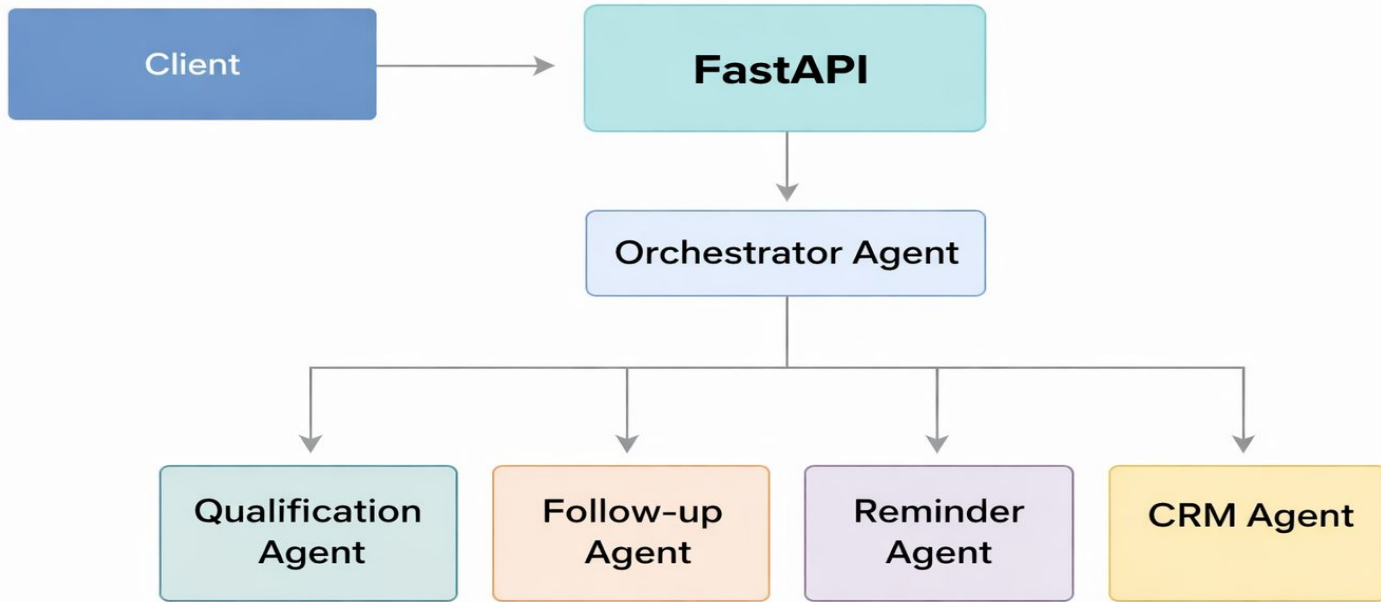
Automating lead qualification, follow-ups, and CRM workflows
using collaborative AI agents.

Problem

- Sales teams spend large time on repetitive tasks:
 - Manual lead qualification
 - Writing follow-up emails
 - Scheduling reminders
 - Updating CRM systems
- Leads are often lost due to delayed responses.

Goal

Build an intelligent system that automates the entire sales workflow.



Instead of one AI doing everything, we divide responsibilities like a real sales organization.

How It Works

1. User submits a lead via API
2. Qualification Agent analyzes intent
3. Follow-up Agent generates outreach email
4. Reminder Agent schedules next action
5. CRM Agent produces structured summary

Example Input

```
{  
  "name": "Sia Jon",  
  "company": "TechGig",  
  "interest": "AI automation",  
  "budget": "High",  
  "timeline": "Immediate"  
}
```

User Agent Execution:

Qualification Agent analyzing...

Follow-up Agent drafting email...

Reminder Agent scheduling...

CRM Agent summarizing...

Impact

Reduces manual sales effort

Faster lead response time

Consistent communication

CRM-ready automation

Output:

```
form.openai.com/docs/guides/error-codes/api-errors.', 'type': 'insufficient_quota', 'param': None, 'code': 'insufficient_quota'}}
(venv) ajayledade@Ajays-MacBook-Air ai-sales-multiagent % python3 main.py
Qualifying lead...
Generating follow-up...
Creating reminder...
Creating CRM summary...

FINAL OUTPUT
{'lead': {'name': 'Sia jon', 'company': 'TechGig', 'interest': 'Looking for AI automation for sales', 'budget': 'High', 'timeline': 'Immediate'}, 'qualification': '**Classification: Hot**\n\n**Reasoning:** The lead, Sia Jon from TechGig, demonstrates a strong interest in AI automation for sales, indicating a clear need that aligns with a high-budget investment. Additionally, their timeline for implementation is immediate, suggesting urgency in their decision-making process. These factors indicate a strong likelihood of conversion, categorizing this lead as hot.', 'followup': "Subject: Exciting Opportunities for AI Automation at TechGig\n\nHi Sia,\n\nI hope this message finds you well! I wanted to follow up on our recent conversation about your interest in AI automation for sales. Given your high budget and immediate timeline, I believe we can create an impactful solution tailored to TechGig's needs.\n\nWould you be available for a quick call this week to discuss this further? I'm eager to explore how we can assist you in achieving your goals.\n\nLooking forward to hearing from you!\n\nBest regards, \n[Your Name] \n[Your Position] \n[Your Company] \n[Your Phone Number] \n[Your Email] ", 'reminder': 'Reminder: Follow up in 1 day', 'crm_summary': '**CRM-Ready Summary**\n\n**Lead Information:**\n- **Name:** Sia Jon\n- **Company:** TechGig\n- **Interest:** Looking for AI automation for sales\n- **Budget:** High\n- **Timeline:** Immediate\n\n**Lead Intent:** Sia Jon is actively seeking AI automation solutions for sales, demonstrating a clear intent to enhance operational efficiency within their sales process.\n\n**Priority:** Hot\n\n**Suggested Action:** Engage with Sia Jon promptly to discuss specific needs and propose tailored AI automation solutions. Schedule a demo or consultation to address their requirements and move towards closing the sale, considering their immediate timeline.'}
(venv) ajayledade@Ajays-MacBook-Air ai-sales-multiagent % git rm --cached .env
fatal: pathspec '.env' did not match any files
```