VCTT-AGI Engine - Quick Start Guide

🚀 Get Started in 5 Minutes

Prerequisites

- Python 3.11+
- Valid OpenAI API key (get one at https://platform.openai.com/api-keys)

Step 1: Configure API Key

```
cd /home/ubuntu/vctt_agi_engine
nano .env
```

Replace `sk-test-mock-key-for-local-development` with your real OpenAI API key.

Step 2: Verify Service is Running

```
curl http://localhost:8000/health
```

Expected response:

```json
{
  "status": "healthy",
  "service": "VCTT-AGI Engine",
  "database": "connected"
}
```

Step 3: View API Documentation

Open in your browser: **http://localhost:8000/docs**

Step 4: Test Analysis Endpoint

```
curl -X POST "http://localhost:8000/api/v1/analyze" \
  -H "Content-Type: application/json" \
  -d '{
    "text": "Renewable energy is essential because it reduces emissions. However,
costs are high.",
    "user_id": "quickstart_user"
  }'
```

Step 5: Run Tests

```
cd /home/ubuntu/vctt_agi_engine
pytest tests/ -v
```

Expected: All 21 tests should pass ✅

📖 Next Steps

- **Read the docs**: Check `DEPLOYMENT.md` for full deployment guide
- **Explore API**: Try different endpoints in Swagger UI
- **Check tests**: Review `TESTING.md` for test details
- **Review architecture**: See `docs/ARCHITECTURE.md`

🆘 Common Issues

Issue: Analysis endpoint returns error

Solution: Make sure you have a valid OpenAI API key in `.env`

Issue: Server not running

Solution: Start it with:

```
cd /home/ubuntu/vctt_agi_engine
python3 -m uvicorn vctt_agi.api.main:app --reload
```

Issue: Tests failing

Solution: Check environment variables:

```
export OPENAI_API_KEY=sk-test-mock-key
export DATABASE_URL=sqlite:///:memory:
pytest tests/ -v
```

📞 Resources

- **API Docs**: http://localhost:8000/docs
- **Full Deployment Guide**: `DEPLOYMENT.md`
- **Testing Guide**: `TESTING.md`
- **Implementation Summary**: `IMPLEMENTATION_SUMMARY.txt`

Status: Service is running and ready to use! 🎉