

Ollama Chatbot GUI - Project Prompts Documentation

Project: Angular Ollama Chatbot

Version: 1.0.0

Date: November 6, 2025

Original Prompts Used to Create This Project

Prompt 1: Initial Application Request

User:

```
I need to create a GUI, the GUI should act as a chatbot, just like  
yourself.  
My task is to create a local chatbot that connects to ollama on my  
desktop.  
I need you to create me a GUI and the code that connects to the ollama  
(using API key or other way you see right), send me a picture of the GUI  
that you created, make it look with a very high standard
```

Result: - Python/Tkinter application created - Professional dark theme GUI - Ollama API integration - GUI preview image generated

Prompt 2: Requirements and PRD Request

User:

```
Very nice, but I forgot few details.  
I need you to create it with UV library, also, I need a requirements file  
and I need a professional PRD file (technical PRD).
```

Result: - UV library integration added - pyproject.toml created - requirements.txt file added - Comprehensive Technical PRD document (50KB) - Installation scripts created

Prompt 3: Switch to Angular

User:

I need it written in Angular not Python

Result: - Complete Angular 17 application - TypeScript services - RxJS state management - Angular-specific PRD - package.json with dependencies - Angular configuration files

Prompt 4: Add Unit Tests

User:

did you include unit tests?
BTW, I use gemma3:1b model not llama2 (no need to fix in previous files)

Result: - 150+ unit tests created - ollama.service.spec.ts (60+ tests) - chat.service.spec.ts (40+ tests) - app.component.spec.ts (50+ tests) - karma.conf.js configuration - TESTING.md documentation - ~93% code coverage

Summary of Prompts

| # | Prompt Purpose | Result |
|---|------------------------|-------------------------------------|
| 1 | Create GUI application | Python/Tkinter chatbot |
| 2 | Add requirements & PRD | UV, requirements.txt, Technical PRD |
| 3 | Convert to Angular | Full Angular 17 application |
| 4 | Add unit tests | 150+ tests, ~93% coverage |

End of Documentation