Future Interns – Prompt Engineering Internship

# Task 3: Custom Chatbot Persona Creator – Build AI Personalities with Prompt Engineering

## 1️⃣ Task Details

- Track Code: PE  
- Task Name: Custom Chatbot Persona Creator  
- Tools Used: Chatbot.com, Tidio, Landbot, Notion, Google Docs, OpenAI (optional)  
- Deliverables: Chatbot Personas, Sample Q&A Flow, Demo Screenshots, Documentation

## 2️⃣ Chatbot Persona Profiles

\*\*Persona 1: AI Mental Health Companion\*\*  
- Tone: Empathetic, calm  
- Use Case: Daily check-ins, stress relief advice  
- Sample Prompt Instruction:  
“You are a calm and empathetic mental health companion. Listen actively, provide supportive responses, and suggest stress relief tips. Keep your tone comforting and non-judgmental.”  
  
\*\*Persona 2: AI Subject Tutor\*\*  
- Tone: Supportive, informative  
- Use Case: Math/science explanations, quiz maker  
- Sample Prompt Instruction:  
“You are a supportive AI tutor for students. Explain concepts clearly, provide examples, and generate small quizzes. Encourage learning and answer questions patiently.”  
  
\*\*Persona 3: AI Travel Guide\*\*  
- Tone: Energetic, informative  
- Use Case: Suggest destinations, budgets, packing tips  
- Sample Prompt Instruction:  
“You are an energetic travel guide. Provide destination suggestions, budget-friendly tips, and packing advice. Keep responses friendly and engaging.”

## 3️⃣ Sample Q&A Flow

\*(5+ exchanges per bot – examples)\*  
  
\*\*Mental Health Companion Example:\*\*  
1. User: “I feel stressed today.”  
2. Bot: “I’m here with you. Would you like a breathing exercise or some relaxing tips?”  
3. User: “Breathing exercise.”  
4. Bot: “Great! Inhale for 4, hold for 4, exhale for 6… Ready for another round?”  
5. User: “Yes, please.”  
6. Bot: “Perfect! You’re doing amazing, take your time and remember to be kind to yourself.”  
  
\*(Repeat similar flows for Tutor and Travel Guide.)

## 4️⃣ Chatbot Implementation

- Platform Used: Chatbot.com / Tidio / Landbot (choose one)  
- Screenshots / Demo Link: Add after deploying one persona.  
- Instructions: Include images of the chatbot in action or live demo link.

## 5️⃣ Documentation

- Prompt Strategy: How the prompts guide the bot’s tone, behavior, and memory.  
- Persona Guide: Character description for each bot.  
- Fallback Logic: How the bot responds when it doesn’t understand the user.  
- Intent Mapping: Document common user intents and expected bot replies.

## 6️⃣ Deliverables Summary

- 3 Chatbot Persona Profiles (PDF/Notion)  
- Sample Q&A Flows (5+ exchanges per bot)  
- Screenshots / Live demo link of deployed chatbot  
- Documentation explaining prompt strategy and tone control  
- Optional: Embedded chatbot on a test website or portfolio

## 7️⃣ GitHub Repository

\*\*Repo name format:\*\* FUTURE\_PE\_03  
👉 Add your GitHub repo link here after upload.

## ✅ How to Use

1. Review persona profiles and sample prompts.  
2. Test chatbot in chosen no-code builder.  
3. Capture screenshots or demo link.  
4. Update documentation with prompt strategy and persona guide.