

Prompt Engineering Assignment – LiaPlus AI



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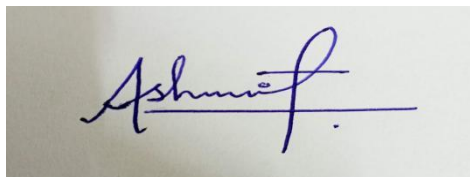
Topic -> This exercise is meant to assess your capacity to develop smart, context-specific conversational flows that improve user experience and solve particular real-life requirements.

ACKNOWLEDGEMENT

I would like to thank the **LiaPlus AI** team for the chance to work on this Prompt Engineering Assignment. This assignment has made me realize how crucial it is to design structured conversational flow and how AI assistants can improve user experience in real-life situations.

I also thank **Mr. Shailesh Jaiswal** and **Ms. Smridhi Seth** for their kind guidance and for making such a thoughtful and pragmatic assignment. I assure that all the work contained here is original, without any unfair means, and reflects my sincere effort.

Thank you for this wonderful learning experience.



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INTRODUCTION

This report is presented as part of the **Prompt Engineering Internship** task for **LiaPlus AI**. The task is to create a natural, context-based, and structured conversation flow for an AI assistant that helps potential students navigate the admission process for the B.Sc Nursing program.

The flow includes:-

- ♦ Manage user queries adequately,
- ♦ Manage multiple user intents and responses,
- ♦ Reply accurately in a professional but humanized manner.
- ♦ Leave logical continuity in place throughout all phases of the conversation.

The assistant mimics a real-life situation where a learner is talking to a virtual guide to find out about eligibility, course details, fees, location, and so on. This assignment represents my sincere effort and knowledge of prompt design principles.

Conversation Flow: B.Sc Nursing Admission Assistant

1. First Admission Interest

→ AI: Hello! ?? May I ask if you would like to apply for our B.Sc Nursing program?

#User (Positive): "Yes", "Haan", "Batao"

→ AI: Great to hear that! Could you tell me if you took Biology in your 12th grade?

#User (Non-Biology): "Commerce", "Maths"

→ AI: For B.Sc Nursing admission, Biology in 12th grade is a required course.

("B.Sc Nursing mein admission ke liye Biology avashyak hai.")

#User (Negative): "No", "Nahi"

→ AI: No issues whatsoever. In case you need help in the future, you are welcome to contact me. Best of luck! ????

2. Eligibility Check

#User: "Yes, I had Biology."

→ AI: Excellent! You have the minimum eligibility qualification. Now let me guide you through some important information regarding the B.Sc Nursing course.

3. Program Details

→ AI: Our B.Sc Nursing program is a full-time course giving students both practical clinical training and thorough academic knowledge.

→ AI: If you would like more detailed information about the curriculum and structure of our teaching programmes, please feel free to ask

#User (Positive): "Yes", "Haan"

→ AI: Ok Sure, Below are more details about our programs related queries.

4. Fee Structure

→ AI: The fee is as follows:-

Tuition Fee: **₹60,000** per annum

Transportation(Fee for bus): **₹10,000** per year

Total Annual Fees: **₹70,000**

→ AI: The whole amount may also be paid in three easy installments:

- ♦ 1st Installment: **₹30,000** (at time of admission)
- ♦ 2nd Installment: **₹20,000** (after first semester)
- ♦ 3rd Installment: **₹20,000** (after second semester)

→AI: Would you like to know about residential charges and clinical training availability?

#User (Positive): "Yes", "Haan"

→AI: Sure.

5. Training Facilities and Hostels

→AI: Indeed, we provide clean hostel rooms with:-

- ♦ 24-hour electricity and water supply
- ♦ CCTV monitoring for security purposes
- ♦ A student support warden on-site provided

→AI: The program includes clinical training, and during your hospital postings, you will have the chance to work with actual patients.

#User: Ok.

6. College Location

→AI: Students can access city infrastructure and healthcare networks thanks to our campus located in Delhi.

→AI: Are you interested in learning more about the campus environment or local facilities?

#User: Ok.

7. Acknowledgment and Certification

→AI: The Indian Nursing Council (INC), Delhi, has granted the college official recognition, guaranteeing that the curriculum satisfies national academic requirements.

8. Sites for Clinical Training

→AI: Clinical training is conducted in collaboration with the renowned medical facilities listed below:-

- ◆ Backundpur District Hospital
- ◆ Centers for Community Health
- ◆ Chartha Regional Hospital
- ◆ Ranchi Neurosurgery & Allied Science Hospital, was located at Ranchi, Jharkhand

9. Scholarship Programs

→AI: The following scholarship programs are open to qualified students:-

- ♦ Scholarship for Government Post-Matric:
₹18,000 to ₹23,000
- ♦ For students enrolled in the Labour Department, the Labour Ministry Scholarship ranges from **₹40,000 to ₹48,000.**

10. Total Seats Available

→AI: Remember, there are only 60 seats available for the program overall. We encourage early applications because admissions are determined by first-come, first-served.

11. Eligibility for Admission

→AI: In order to be considered for admission, candidates need to:-

- ♦ Studied biology in **Class 12th.**
- ♦ Pass the entrance exam for **PNT.**

- ♦ Be in the **age** range of 17 to 35.

12. Response Handling

- ♦ Positive Responses: AI continues the flow ("Yes", "Haan", "Tell me more")
- ♦ Negative Responses: The user can politely end the conversation by saying "No" if they have no more questions.

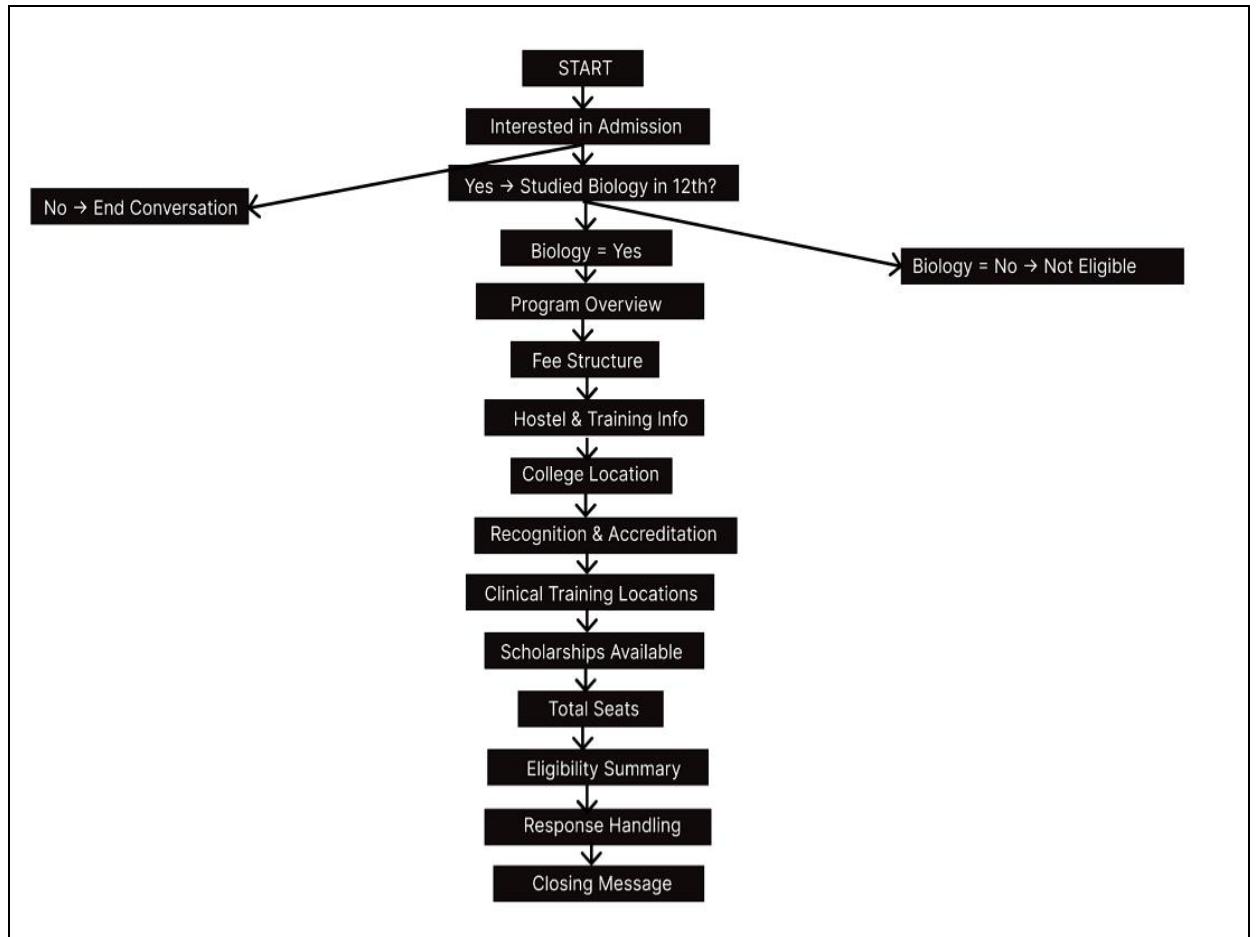
13. Closing Statement

→AI: I appreciate you talking! If you would like to apply or require any additional information, kindly let me know.

14. Appendix: Chatbot Flow Diagram

→The Figma-implemented structured conversation flow is depicted in the diagram below. It shows the user's interactions with the AI assistant at every step of the admissions process for the B.Sc. Nursing program.

<https://www.figma.com/design/KO6AWKDM3QVXV8uBIYdSHZ/Untitled?node-id=0-1&t=p5Qnj74hqVz9nqVg-1>



Thank You