Introduction:

Welcome to the Prompt Engineering Intern assignment at LiaPlus AI. This task is designed to evaluate your ability to craft intelligent, context-aware conversational flows that enhance user experience and address specific real-world needs. You'll be working on a scenario that simulates how our AI assistant could help guide prospective nursing students through the admission process for a Nursing College.

We encourage you to focus on clear communication, effective user handling, and structured conversation design. **Concise, creative, and well-structured submissions will stand out.**

Objective:

This assignment assesses your ability to:

- Design an AI-driven conversational flow
- Handle multi-step queries and diverse user intents
- Maintain professional and user-friendly tone throughout
- Deliver accurate information based on specific input
- Ensure seamless user navigation within a complex info set

Your work will be evaluated based on the structure, accuracy, conversational clarity, and user experience of the designed flow.

Required Topics for the Conversation Flow:

1. **Initial Admission Interest:**
- The assistant should start by asking if the user is interested in admission to the Nursing College.
- If the user responds positively, the assistant should continue to ask about the user's eligibility (whether they studied Biology in 12th grade).
- If the user mentions a subject other than Biology, the assistant should inform them: "B.Sc Nursing mein admission ke liye Biology avashyak hai."

2. **Eligibility Check:**
- If the user has taken Biology in 12th grade, the assistant should move forward with offering details on the B.Sc Nursing program.
- If the user hasn't studied Biology, the assistant should inform them that Biology is a mandatory requirement for the program.

3. **Program Details:**
- The assistant should briefly describe the **B.Sc Nursing Program** and mention that the program is **full-time**.

- The assistant should also ask the user if they want more information about the program.

4. **Fee Structure:**

The assistant should provide a **detailed fee breakdown**:

- **Tuition Fee**: ₹60,000 INR
- **Bus Fee**: ₹10,000 INR
- **Total Annual Fees**: ₹70,000 INR

The assistant should explain that the total fees are divided into **3 installments**:

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

5. **Hostel and Training Facilities:**

The assistant should describe the **hostel facilities**:

- 4x7 **water and electricity**
- **CCTV surveillance** for security
- **Warden** available on-site

The assistant should also mention that **hospital training** is included, with students working with **real patients** during their training.

6. **College Location:**
- The assistant should inform the user that the college is located in Delhi
- The assistant should ask if the user would like to know more about the location or surrounding area.

7. **Recognition and Accreditation:**

The assistant should explain that the college is recognized by:

- **Indian Nursing Council (INC)** (Delhi)

The assistant should check if the user wants to know more about this.

8. **Clinical Training Locations:**

The assistant should inform the user about the locations for **clinical training**, which include:

- **District Hospital** (Backundpur)
- **Community Health Centers**
- **Regional Hospital** (Chartha)
- **Ranchi Neurosurgery and Allied Science Hospital** (Ranchi, Jharkhand)

9. **Scholarship Options:**

The assistant should briefly describe the available **scholarships**:

- **Government Post-Matric Scholarship** (₹18k-₹23k)
- **Labour Ministry Scholarships** (₹40k-₹48k) for those with Labour Registration

10. **Total Seats Available:**

The assistant should inform the user that there are a total of **60 seats** available in the Nursing program.

11. **Eligibility for Admission:**

The assistant should explain the **eligibility criteria** for admission:

- **Biology** in 12th grade
- **PNT Exam** (must be passed)
- **Age**: 17 to 35 years

Response Handling:

- **Positive Responses** ("Haan", "Yes", "Tell me more", "Kya hai?"):
  If the user says anything other than "No" or "Nahi" (such as "Haan", "Batao", or "Kya hai?"), the assistant should **continue the conversation** and move to the next question.

- **Negative Responses** ("Nahi", "No"):
  If the user says "No" or "Nahi", the assistant should acknowledge the response and **end the conversation politely**, but offer to assist again in the future.

Evaluation Criteria:

- **Conversation Design & Strategic Flow** | 45% |
  Structure, clarity, and creativity of the conversation flow, logical progression, user-friendliness, and alignment with user intent.
- **User Interaction & Response Handling** | 45% |
  Ability to manage varied user responses (positive/negative), maintain tone consistency, and create a natural, professional interaction.
- **Information Accuracy & Completeness** | 10% |
  Accuracy of the information provided, inclusion of all required topics, and completeness of the assistant's replies.

Founder's LinkedIn for additional research:

- Shailesh Jaiswal
- Smridhi Seth

Submission Guidelines:

- PDF document with a clearly structured conversation flow. A visual chatbot flow diagram may be added (optional).
- Send your submission to: shailesh@liaplus.com & CC: smridhi@liaplus.com with the subject Prompt Engineer Intern Assignment

Contact us:

For any further queries, please contact Kartikeya Rai (Founder's Office) at +91 9667507331.

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