**LIA PLUS AI: PROMPT ENGINEERING ASSIGNMENT**

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**This document outlines the conversational flow created for the Prompt Engineering Intern assignment at Lia Plus AI.**  
The objective is to simulate an AI-powered virtual assistant that effectively assists prospective students throughout the B.Sc Nursing admission process. This assistant is designed to interpret various user intents, offer detailed and relevant information about the program, and respond appropriately to both affirmative and negative user interactions.

**Key Focus Areas:**

* The conversation is designed to be **clear and well-organized**.
* It effectively manages **multi-step dialogues**.
* Maintains **context awareness** with intelligent branching based on user input.
* And uses a **friendly, professional, and helpful tone** throughout.
* It delivers **accurate details** on all essential aspects including eligibility, fees, hostel facilities, location, scholarships, and more.

This flow has been carefully crafted to align with the official structure and fulfils all the outlined criteria, including:

* Coverage of **11 key information categories**.
* Handling of **both positive and negative user responses**.
* And providing **smooth exit paths** along with **options for re-engagement**.

Together, the script and accompanying flowchart highlight how a well-crafted AI assistant can enhance user experience, simplify complex queries, and boost engagement in the educational admissions process.

**Conversational Script:**

This script presents a detailed, step-by-step conversational flow designed for an AI assistant tasked with guiding users through the B.Sc Nursing admission process. It comprehensively addresses all key interaction points, including admission inquiries, eligibility checks, program overview, fee structure, hostel and clinical training facilities, college location, official recognition, available scholarships, seat count, and the final enrolment procedure.

Each part of the conversation is crafted to handle both affirmative and negative user responses, ensuring a smooth and user-friendly experience. The assistant maintains a polite, helpful, and professional tone throughout, aiming to deliver accurate information, support informed decision-making, and gracefully conclude interactions based on the user's intent or eligibility status.

**Admission Inquiry:**

|  |  |  |
| --- | --- | --- |
| Assistant: Hello! Welcome to our Nursing College Virtual Assistant. Are you interested in applying for our B.Sc Nursing program? I'd be happy to help you through the admission process. | | |
| Positive: Yes / Haan / Tell me more / I want to know more / Interested  Assistant: Great! I’ll guide you through everything you need to know. Let’s begin with a quick eligibility check.  *(Action: Go to next process i.e.* ***Eligibility Check****)* | Negative: No / Nahi / Not interested / Just checking / Leave it  Assistant: No worries! Feel free to ask any time if you change your mind. Wishing you the best ahead! | |
| Assistant: You can also call our admission support team directly at **+91-9XXXXXXXXX**. | | |
| Positive: Yes / I’ll call now  Assistant: Great! Our team will guide you further. Best of luck!  *(Action: Exit – Handed to team)* | | Negative: Not now / Maybe later  Assistant: No problem! Reach anytime. We’ll be happy to help.  *(Action: Exit)* |

**Eligibility Check:**

|  |  |
| --- | --- |
| Assistant: Did you study Biology as a subject in your 12th grade? | |
| Positive: Yes  Assistant: Awesome! You meet one of the basic eligibility criteria. Let me tell you more about the program.  *(Action: Proceed to Program Details)* | Negative: No / I had Commerce / Arts / PCM  Assistant: I’m sorry, but Biology is mandatory for B.Sc Nursing. If you need help exploring other courses, I’d be happy to assist. Thank You!  *(Action: Exit)* |

**Program Info:**

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| --- | --- | --- |
| Assistant: Our **B.Sc Nursing** is a **4-year professional undergraduate degree** that prepares you to become a skilled, compassionate nurse. The course combines:   * **Classroom learning** in medical sciences * **Real-world clinical training** in top hospitals * **Leadership and patient care skills**   Would you like to know what kind of jobs or opportunities come after this? | | |
| Positive: Yes / Of course / Tell me more  Assistant:Graduates from our program work for registered Nurses in India & abroad, nursing Officers in government hospitals, Clinical Instructors & Nurse Managers. | Negative: No / Not interested  Assistant: No worries! | |
| Assistant:Shall I now explain the **fees and payment plans**? | | |
| Positive:Yes / Sure / Go ahead / I want to know / Please explain  Assistant: Perfect! Let me walk you through the total fees and flexible installment options.  *(Action: Go to Fees Structure)* | | Negative:Not now / I’ll ask later / Already know / Not interested  Assistant:No worries! Directing to know about our **hostel facilities** or **scholarships.**  *(Action: Redirect to Hostel or Scholarship section)* |

**Fee Structure:**

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| --- | --- |
| Assistant: We understand that finances are important. Our program is designed to be affordable and flexible:   * Tuition Fees: ₹60,000/year * Bus/Transport Fees: ₹10,000/year Total Annual Fees: ₹70,000   We offer a 3-installment payment option:   * 1st Installment: ₹30,000 (At admission) * 2nd Installment: ₹20,000 (Mid-semester) * 3rd Installment: ₹20,000 (Before exams) | |
| Assistant: Would this structure work for you, or would you like to ask about scholarships? | |
| Positive: I’m okay / Looks good / Yes  Assistant: Great! I’m glad the fee structure works for you. | Negative: Too much / Can’t afford  Assistant: We totally understand. You may be eligible for government scholarships or labour ministry schemes. |
| *(Action: Go to Scholarships)* | |

**Scholarship and Financial Aid:**

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| Assistant: We offer multiple scholarships to support your dreams:   * Government Scholarship: ₹18,000 to ₹23,000 * Labour Ministry Scholarship: ₹40,000 to ₹48,000 * Special Aid for SC/ST/OBC/EWS candidates   Our team helps you with application and documentation. | |
| Assistant: Would you like someone to check your eligibility? | |
| Positive: Yes / Please check  Assistant: Great! Please call us at **+91-9XXXXXXXXX** or WhatsApp your details to **+91-9XXXXXXXXX** for a quick review. | Negative:No / Not needed / I’m not eligible / I’ll manage on my own  Assistant: That’s completely fine! If you ever change your mind or need help in the future, feel free to reach out. You can always contact our admission support team at **+91-9XXXXXXXXX** for any guidance or assistance. |
| *(Action: Exit scholarship flow / proceed to next section)* | |

**Hostel & Clinical Training:**

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| Assistant: Let’s talk about where you’ll be staying!  You’ll have access to:   * 24/7 security and supervision * Study zones and quiet hours * In-house warden and medical emergency support | |
| Assistant: Would you like to customize your room preference — such as AC/Non-AC or room sharing? | |
| Positive: Yes / I prefer AC / I want 2-sharing / I want a private room / Any options?  Assistant: Sure! We offer multiple options:   * AC and non-AC rooms * Single occupancy (limited) * 2-sharing or 3-sharing rooms (standard)   Once you're admitted, our hostel warden will personally help you choose a room based on availability and your preference. | Negative: No preference / Any is fine / I’ll decide later  Assistant: Got it! We’ll make sure your room is comfortable, well-maintained, and supports your academic focus. |

**College Location – Interactive Flow**

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| Assistant: Let’s talk about where your journey begins. Our Nursing College is located in Delhi, one of the most accessible and opportunity-rich cities in India.  Being in the capital city means:   * Nearby markets, libraries, hostels, and healthcare stores * High placement visibility with leading hospital recruiters | |
| Assistant: Would you like to know how far the college is from your location, or maybe check the route? | |
| Positive: Yes / How do I reach there? / Route info / Distance from my place?  Assistant: Great! You can easily reach the campus via:   * Metro: Nearest station is [Station Name] (10 mins walk) * Bus Route: Well-connected to ISBTs and major stops * Rail/Air: Approx. [X] km from New Delhi Railway Station / Airport   For live directions, click here: [Google Maps Link] Or WhatsApp us your location at +91-9XXXXXXXXX and we’ll guide you. | Negative: Not now / I’ll check later / I know Delhi well / Already visited  Assistant: Sounds good. Our campus is in a student-friendly neighborhood, with nearby PGs, eateries, and study zones. If you ever need help with travel planning or campus visit, just reach out. |

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**Recognition & Accreditation – Interactive Flow**

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| Assistant: Now let’s talk about something very important — recognition and accreditation.  Our B.Sc Nursing program is:   * Approved by the Indian Nursing Council (INC) * Affiliated to a reputed health sciences university   This means your degree will be valid for all government exams, job applications, and even international studies. | |
| Assistant: Would you like to know how this recognition benefits your career? | |
| Positive: Yes / How does it help?/ What’s the use?/ Explain more  Assistant: Good question. Recognition ensures that:   * You can pursue M.Sc Nursing, hospital administration, or research * Your degree is accepted for international licensing exams like NCLEX, DHA, HAAD * You get priority in hospital placements during recruitment drives   In short, it opens the door to global opportunities and long-term career growth. | Negative: I already know / Not now / Skip this  Assistant: No problem. If you ever want to verify our affiliation or approvals, just ask or visit our official website. Shall we continue with the details of clinical training and hospital tie-ups? |

**Clinical Training – Interactive Flow:**

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| Assistant: One of the best things about our B.Sc Nursing program is the hands-on clinical exposure. From the first year itself, you’ll receive practical training in real hospitals — no dummy labs, no only books.  You’ll be trained in:   * Government hospitals * Private multi-specialty hospitals * Community health centres * Rural healthcare outreach programs | |
| Assistant: Would you prefer a specific type of training environment — like govt hospitals, private, or community service? | |
| Positive: Yes / I prefer private hospitals / I want government exposure / I love community work  Assistant: That’s amazing!Based on your interest, we’ll prioritize your rotational clinical postings to match your goals. Our faculty team ensures that students get equal exposure in every setting — but we always consider preferences where possible. | Negative: No specific preference / I’m okay with anything / All sound good  Assistant: Perfect! You'll rotate through multiple departments and hospitals, gaining rich experience in:   * Medicine * Surgery * Pediatrics * Obstetrics & Gynaecology   Psychiatric and Community Health Nursing.This will give you a well-rounded clinical edge and make you career-ready. |

**Seat Availability – Interactive Flow:**

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| Assistant: Let’s now talk about seat availability. For this academic year, we have a total of 60 seats for the B.Sc Nursing program.  Seats are allotted strictly on a first-come, first-served basis, and many students have already started applying after receiving scholarship approvals and entrance exam results. | |
| Assistant: Would you like to know the current seat status or reserve your spot? | |
| Positive: Yes / How many are left? / I want to reserve / Tell me the status  Assistant: Currently, several seats are still available, but they’re filling up quickly due to ongoing counseling rounds. If you’re seriously considering admission, I recommend starting the registration process soon to avoid missing out. | Negative: Not yet / I’ll wait / I’m still thinking / Maybe later  Assistant: That’s completely fine. Take your time to decide. Just keep in mind that seat availability can change daily, especially after scholarship disbursements and exam results.  If you’d like to get real-time updates or reserve your seat later, feel free to call us anytime at +919XXXXXXXXX. |

**Final Eligibility Reminder:**

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| --- | --- |
| Assistant: Let me quickly remind you of the full eligibility criteria for B.Sc Nursing:   * Passed 12th with Biology * Cleared the PNT Exam (Pre-Nursing Test) * Age between 17 to 35 years * Physically & mentally fit | |
| Assistant: You meet most of these already. Shall we begin your application process? | |
| Positive: Yes / Apply now / Help me apply  Assistant: Awesome! You can either:   * Apply online at www.nursingcollege.edu.in/apply * Or call our admission team at +91-9876543210 for full assistance.   We’ll guide you every step of the way! | Negative: Not now / Still thinking  Assistant: That’s totally fine! You can come back anytime. Feel free to save this contact or reach out at [admissions@nursingcollege.edu.in](mailto:admissions@nursingcollege.edu.in) when you're ready. |

**END:**

The following flowchart visually represents the complete conversational flow of the AI assistant designed for guiding prospective students through the B.Sc Nursing admission process. Each decision node and path reflects how the assistant dynamically handles user responses—both positive and negative—while ensuring a smooth and informative experience. This visual structure mirrors the script presented above and provides a quick,high-level understanding of the conversation logic

**Flow Chart: (For admission process of nursing college)**

