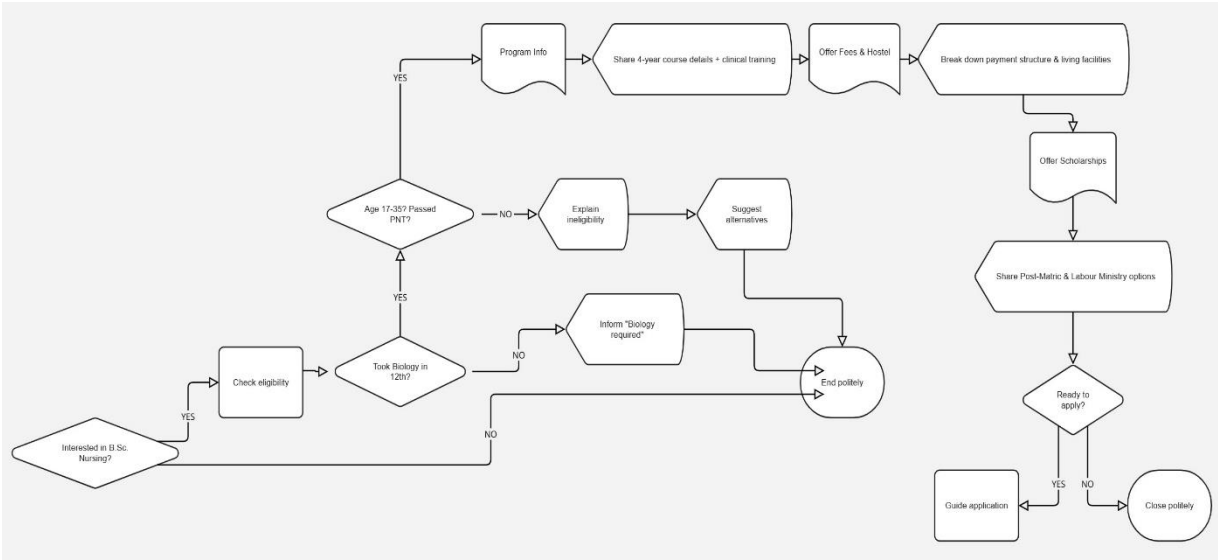


LiaPlus AI Prompt Engineering Assignment:

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This chatbot flow simulates real conversations with prospective B.Sc. Nursing applicants. It includes a logic-based flowchart, scenario mapping table, and modular responses. Every path is designed to guide, inform, or redirect based on user intent.

conversation flowchart (Yes/No decision tree)



scenario flowchart 1

Scenario Table mapping each user intent to its bot strategy

Scenario	User Intent	Bot Goal
1	Not Interested	End conversation politely
2	Interested & Eligible	Guide to application steps
3	Interested but Not Eligible	Offer alternatives
4	Unsure	Reassure & give context
5	Asking about Facilities	Provide training/living info
6	Asking about Scholarships	List funding options

Scenario	User Intent	Bot Goal
7	Asking about Career/Placement	Build confidence in outcomes
8	Postponing Decision	Leave door open

modular scenario-wise chatbot dialogue with token summaries

Scenario 1: User Not Interested Initially

(User declines conversation; assistant exits politely)

Assistant: Hello! I'm the admissions assistant for our nursing college. Would you like to learn about our B.Sc. Nursing program?

User: No, thank you.

Assistant: No problem! If you have questions or change your mind later, feel free to reach out. Have a great day!

Scenario 2: User Interested and Eligible

(Full flow: eligible user guided through program, fees, scholarships, and application)

Assistant: Hello! Are you interested in applying for our B.Sc. Nursing program?

User: Haan, I'm curious about the process.

Assistant: Great! First, did you study Biology in your 12th grade?

User: Yes, I did.

Assistant: Perfect. You also need to be between 17 and 35 years old and pass the PNT (Pre-Nursing Test). Does that apply to you?

User: Yes, I meet all of that.

Assistant: Awesome! Our B.Sc. Nursing program is a **4-year full-time degree**. It includes core subjects and hands-on training with real patients at affiliated hospitals. Would you like details on **fees, facilities, or scholarships** next?

User: What are the fees?

Assistant: The **annual fee is ₹70,000**, which includes:

- ₹60,000 tuition
- ₹10,000 bus fee (optional)

Payment is made in 3 installments:

- ₹30,000 at admission
- ₹20,000 after Semester 1
- ₹20,000 after Semester 2

User: Do you offer hostel and training facilities?

Assistant: Yes. The hostel includes:

- 24×7 water and electricity
- CCTV surveillance
- On-site warden
- Three meals a day

For clinical training, you'll work with real patients at:

- District Hospital (Backundpur)
- Regional Hospital (Chartha)
- Ranchi Neurosurgery & Allied Science Hospital
- Community Health Centers

User: Are there scholarships?

Assistant: Yes, you may qualify for:

- Government Post-Matric (₹18k–₹23k)
- Labour Ministry Scholarship (₹40k–₹48k) if your parent is registered with the Labour Department

User: How many seats are available?

Assistant: There are **60 seats** total. Admissions are based on eligibility and entrance results.

User: Sounds good. How do I apply?

Assistant: Let's begin the application process. I'll walk you through the steps.

Scenario 3: User Interested but Not Eligible

(User is filtered out based on missing Biology or age; alternative paths offered)

Assistant: Hello! Are you interested in applying for our B.Sc. Nursing program?

User: Yes, but I didn't study Biology.

Assistant: B.Sc. Nursing mein admission ke liye **Biology avashyak hai**. Aap jab eligible ho jaayein, tab zaroor apply karein.

User: I'm 40 years old.

Assistant: The program requires candidates to be between **17 and 35 years** old. But don't worry—we have **shorter diploma courses** you might consider. Would you like to hear about them?

User: Yes.

Assistant: You can explore:

(proceeds to give alternative options)

Scenario 4: User Unsure or Hesitant

(Assistant reassures, explains job prospects to build confidence)

User: I'm not sure if nursing is the right career for me.

Assistant: Totally understandable! Nursing is in high demand and offers a stable, respected career. Would you like to know about **career opportunities** or **job placements**?

User: What kind of jobs can I get?

Assistant: You'll become a **Registered Nurse**. Graduates work in:

- Hospitals and clinics
- Government and community health centers
- International placements
- Specialties like critical care, pediatrics, or mental health

User: That sounds interesting.

Assistant: I'm glad! Would you like to explore the course details?

Scenario 5: User Asks About Facilities (Hostel, Transport, Training)

(Facilities, hostel, training locations, and transport details shared)

User: What facilities do you offer?

Assistant: We provide on-campus hostel facilities with:

- 24×7 water and electricity
- CCTV surveillance
- Wardens
- 3 meals per day

User: Where does training happen?

Assistant: You'll train at our affiliated hospitals:

- District Hospital (Backundpur)

- Regional Hospital (Chartha)
- Ranchi Neurosurgery & Allied Science Hospital
- Community Health Centers

Transport is available if needed.

Scenario 6: User Asks About Scholarships

(Scholarship types and eligibility shared with reassurance)

User: Do you offer any financial help?

Assistant: Yes! You may be eligible for:

- **Post-Matric Scholarship:** ₹18k–₹23k
- **Labour Ministry Scholarship:** ₹40k–₹48k if you or your parent is labour-registered

We'll help you apply if you qualify.

Scenario 7: User Asks About Placements

(Placement support and post-degree career paths explained)

User: Will I get job support after graduation?

Assistant: Absolutely. We have regular **campus recruitment drives**. Many graduates join:

- Holy Family Hospital (on-campus)
- Delhi hospitals and clinics
- International nursing programs

You'll have strong career guidance from us.

Scenario 8:

(Polite exit with open invitation to return before deadline)

1. User Says "Maybe Later"

User: I'm not sure yet. Maybe I'll apply later.

Assistant: Totally fine! Applications are open until _____. I'm here whenever you're ready.

2. User Declines or Stops Conversation

User: No, thank you. (or user says "Nahi" or stops responding)

Assistant: I understand. If you have other questions later or decide to apply, feel free to reach out. Best of luck with your career planning! Have a nice day.

