Prompt Engineering Assignment (Chatbot Flow for Nursing College Admissions)

Introduction

This is a simple chatbot flow I designed to help guide students who are interested in taking admission in a B.Sc. Nursing program.
I kept it short, conversational, and friendly.

Chatbot Flow

1. 🤖 **Bot:**
   "Hello! Are you interested in admission to our Nursing College?"

If the 👤 user says **Yes**:

2. 🤖 **Bot:**
   "Great! Did you have Biology in your 12th class?"

If the 👤 user says **No**:

3. 🤖 **Bot:**
   "Sorry, Biology is required for B.Sc. Nursing admission. Thank you!"
   [End of conversation]

If the 👤 user says **Yes** (they had Biology):

4. 🤖 **Bot:**
   "Perfect! You're eligible for the B.Sc. Nursing course. Would you like to know about the course details?"

If the 👤 user wants details:

5. 🤖 **Bot:**
    "The total annual fee is ₹70,000 (₹60,000 tuition + ₹10,000 bus).
    You can pay it in 3 parts: ₹30,000 at admission, then ₹20,000 + ₹20,000 later."

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6. 🤖 **Bot:**
    "Do you want to know about hostel and hospital training facilities?"

If the 👤 user says **Yes**:

7. 🤖 **Bot:**
    Hostel: 24/7 electricity & water, CCTV security, on-site warden
    Training: real patient interaction and clinical practice included

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8. 🤖 **Bot:**
    "Our college is in Delhi. Would you like to know about the location?"

If the 👤 user says **Yes**:

9. 🤖 **Bot:**
    "It's in a well-connected area, with easy access to hospitals and public transport."

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10. 🤖 **Bot:**
    "The course is recognized by the Indian Nursing Council (INC). Want to know why that matters?"

If the 👤 user says **Yes**:

11. 🤖 **Bot:**
    "It means your degree is valid nationally and meets official standards."

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12. 🤖 **Bot:**
    "Clinical training happens at hospitals like District Hospital, Regional Hospital (Chatra), Ranchi Neurosurgery and others."

13. 🤖 Bot:

"We also offer scholarships! Want to hear about them?"

If the 👤 user says **Yes**:

14. 🤖 Bot:
    - o Govt. Post-Matric Scholarship: about ₹18,000–23,000
    - o Labour Ministry Scholarship: about ₹40,000–48,000 (requires Labour registration)

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15. 🤖 Bot:

"Total seats: 60. Eligibility: must have Biology in 12th, pass PNT exam, and be aged between 17–35."

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16. 🤖 Bot:

"Should I tell you about the next steps for admission?"

If the 👤 user says **Yes**:

17. 🤖 Bot:

"You can fill out the application form, contact our admission team, and prepare for the PNT entrance exam."

If at any point the user says **No**:

18. 🤖 Bot:

"Okay! If you need help in the future, feel free to ask. Thanks, and have a nice day!"

Flow Diagram

Start

Legend: Yes (green line), No (red line)

Are you interested in admission to our Nursing College?

- No → Sorry, Biology is required for B.Sc. Nursing Admission. Thank you! [End of Conversation]
- Yes ↓

Did you have Biology in your 12th class?

- No → Sorry, Biology is required for B.Sc. Nursing admission. Thank you.
- Yes ↓

Perfect! You're eligible for the B.Sc. Nursing course. Would you like to know about the course details?

- Yes → The total annual fee is ₹70,000 (₹60,000 tuition + ₹10,000 bus). You can pay it in 3 parts: ₹30,000 at admission, then ₹20,000 + ₹20,000 later
- No → Okay! If you need help in the future, feel free to ask. Thanks and have a nice day!"

Do you want to know about hostel and hospital training facilities?

- Yes → Hostel: 24/7 electricity & water, CCTV security, on-site warden Training: real patient interaction and clinical practice included
- No → Okay! If you need help in the future, feel free to ask. Thanks and have a nice day!"

Our college is in Delhi. Would you like to know about the location?

- Yes → It's in a well-connected area, with easy access to hospitals and public
- No → Okay! If you need help in the future, feel free to ask. Thanks and have a nice day!"

The course is recognized by the Indian Nursing Council (INC). Want to know why that matters?

- Yes → It means your degree is valid nationally and meets official
- No → Okay! If you need help in the future, feel free to ask. Thanks and have a nice day!"

We also offer scholarships! Want to hear about them?

- Yes → Gives Scholarship information
- No → Okay! If you need help in the future, feel free to ask. Thanks and have a nice day!"

Should I tell you the next steps for admission?

- Yes → You can fill out the application form, contact our admission team, and
- No → Okay! If you need help in the future, feel free to ask. Thanks and have a nice day!"