Prompt Engineering Assignment Submission

Conversational Flow Design :

1. **Initial Greeting & Interest Check**

Assistant: "Namaste! Kya aap Nursing College mein admission lena chahte h?"

User Positive Response ("Haan", "Yes", "Batao") → Proceed to Eligibility Check

User Negative Response ("Nahi", "No") → "Theek hai, agar aapko future mein kabhi help chahiye ho toh zarur batayein. Shubhkamnayein!"

2. **Eligibility Check**

Assistant: "Kya aapne 12th class mein Biology subject padha hai?"

("Haan", "Yes", "Batao") →Move on to Program Details

("Nahi", "No") → "B.Sc Nursing mein admission ke liye Biology avashyak hai. Aap kisi aur course ke liye apply kar sakte hain."

3. **B.Sc Nursing Program Details**

Assistant: "B.Sc Nursing ek full-time undergraduate course hai jismein aapko nursing ke theoretical aur practical cheezen sikhayi jaati hain. Kya aap is program ke baare mein aur jaanana chahenge?"

("Haan", "Yes", "Batao") →Move to Fee Structure

("Nahi", "No") → Acknowledge and offer help later: "Theek hai. Agar aapko baad mein jaankari chahiye ho toh mujhse sampark kijiyega main hamesha apke madad ke liye yahi hu"

4. **Fee Structure**

Assistant: "Total Annual Fees ₹70,000 hai: -

Tuition Fee: ₹60,000 - Bus Fee: ₹10,000 Yeh fees 3 installments mein baanti jaati hai:

1. Pehla Installment: ₹30,000 (Admission ke samay)

2. Dusra Installment: ₹20,000 (First semester ke baad)

3. Teesra Installment: ₹20,000 (Second semester ke baad)"

Assistant: "Kya aap hostel ya training facilities ke baare mein jaankari chahenge?"

("Haan", "Yes", "Batao") →Move on to hostel and training facilities

("Nahi", "No") → "Aap aur kis bare me jankari chahenge?"

5. Hostel and Training Facilities

Assistant: "Hostel facilities mein aapko milta hai: - 24x7 bijli aur paani - Security ke liye CCTV surveillance On-site warden Aur sabse achhi baat, hospital training bhi include hoti hai jahan students real patients ke saath kaam karte hain."

"Kya aap college ki location ke baare mein jaanna chahenge?"

("Haan", "Yes", "Batao") →Move on to college location

("Nahi", "No") →"Aap aur kis bare me jankari chahenge?"

6. College Location

Assistant: "College Delhi mein hai. Kya aap location ya aaspaas ke area ke baare mein aur jaankari chahenge?"

("Haan", "Yes", "Batao") →Describe basic info about Delhi as a hub for medical institutions and student facilities.

("Nahi", "No") →skip to recognition and accredation

7. Recognition and Accreditation

Assistant: "College ko Indian Nursing Council (INC), Delhi se recognition praapt hai. Yeh ek official accreditation hai jo is course ki quality ko darshata hai. Kya aap iske baare mein aur jaankari chahenge?"

("Haan", "Yes", "Batao") →Proceed with more info

("Nahi", "No") → skip to next part

8. Clinical Training Locations

Assistant: "Students ko training ke liye kai reputed hospitals mein bheja jaata hai: - District Hospital (Backundpur) - Community Health Centers - Regional Hospital (Chartha) - Ranchi Neurosurgery and Allied Science Hospital (Ranchi, Jharkhand)"

9. Scholarship Options

Assistant: "College mein kuch scholarships bhi available hain:

1. Government Post-Matric Scholarship (₹18,000 - ₹23,000)

2. Labour Ministry Scholarship (₹40,000 - ₹48,000)

– sirf un students ke liye jinke paas Labour Registration hai."

Assistant: "Kya aap seats availability ke baare mein jaanna chahenge?"

("Haan", "Yes", "Batao") →Proceed to seats part

 ("Nahi", "No") →skip the seat part

10. Seats Available

Assistant: "Is nursing program mein total 60 seats available hain. Admission first-come-first-serve basis par hota hai."

11. Admission Eligibility Summary

Assistant: "Admission ke liye kuch zaroori criteria hain: -

12th mein Biology hona chahiye - PNT (Pre Nursing Test) exam clear hona chahiye - Aapki umar 17 se 35 saal ke beech honi chahiye"

"Kya aap admission k liye apply karna chahenge?"

12. Closing Conversation (Positive or End)

("Haan", "Yes", "Batao") →

"Bahut badiya! Agar aap admission lena chahte hain ya application process mein help chahiye ho toh main aapki sahayata ke liye yahan hoon."

("Nahi", "No") →

"Theek hai! Agar aap future mein nursing ya kisi aur course mein interested ho toh please phir se sampark karein. Dhanyavaad aur shubhkamnayein!"

<u>End of flow</u>

<u>Visual chatbot flow diagram:</u>

Start of flow

Ask the user if he/she wants to take admission.

→ NO → End the conversation and wish luck for future

YES ↓

→Proceed to Eligibility Check

Ask if they had biology in 12th

→ NO → Tell them its necessary to have biology to take admission in nursing

YES ↓

Move on to Program Details

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┌─────────────────┐                                    ┌─────────────────┐
│ Ask if they want│          NO                        │ Acknowledge and │
│ to know more    │ ─────────────────────────────────▶ │ offer help later│
│ about the       │                                    │                 │
│ program.        │                                    └─────────────────┘
└─────────────────┘
         │ YES
         ▼
┌─────────────────┐
│ Move to Fee     │
│ Structure       │
└─────────────────┘
         │
         ▼
┌─────────────────┐                                    ┌─────────────────┐
│ Give brief about│          NO                        │ Aknowledge and  │
│ the fee structure,│ ───────────────────────────────▶ │ end conversation│
│ and ask if they │                                    │ politely.       │
│ want to know    │                                    └─────────────────┘
│ about hostel    │
│ facility.       │
└─────────────────┘
         │ YES
         ▼
┌─────────────────┐
│ Move on to hostel│
│ Details         │
└─────────────────┘
         │
         ▼
```

```mermaid
flowchart TD
    A[Give details about hostel and training , ask if they want to know the location] -->|NO| B[Aknowledge and end conversation politely.]
    A -->|YES| C[Move on to location]
    C --> D[Give location details]
    D --> E[Move on to Recognition and Accreditation]
    E --> F[Tell them about the Recognition and Accreditation, then ask if they want to take more information.]
    F -->|NO| G[Aknowledge and end conversation politely.]
    F -->|YES|
```

Give details about hostel and training , ask if they want to know the location

NO → **Aknowledge and end conversation politely.**

YES ↓

Move on to location

↓

Give location details

↓

Move on to Recognition and Accreditation

↓

Tell them about the Recognition and Accreditation, then ask if they want to take more information.

NO → **Aknowledge and end conversation politely.**

YES ↓

```
Give more info
     │
     ▼
ask them if they        ──NO──►    Aknowledge and end
want to know                       conversation
about the                          politely.
scholarships
     │
    YES
     ▼
Give scholarship
information
     │
     ▼
Ask if they want        ──NO──►    Aknowledge and end
to know about                      conversation
seat availibility                  politely.
     │
    YES
     ▼
Give seat
availaibility
information
     │
     ▼
```

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Ask them if they
pass the criterion        ──── NO ────►    Tell them to opt for
for admission                              other courses

      │
     YES
      │
      ▼

Ask if they want
to go further with        ──── NO ────►    Tell them you are
the admission                              here if they need
process                                    help in admission in
                                           future

      │
     YES
      │
      ▼

Proceed with the
admission
process

      │
      ▼

End of flow
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