Prompt Engineering Assignment Submission

Role: Prompt Engineering Intern
Company: LiaPlus AI
Candidate: Pratyush Rai
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Objective

Design a comprehensive, context-aware AI conversation flow that simulates a helpful and professional assistant guiding prospective students through the admission process for a B.Sc Nursing program.

Conversation Flow

1. Initial Interest in Admission

Bot: Namaste! Kya aap Nursing College mein admission lena chahte hain?

- **If user responds positively** ("Haan", "Yes", "Batao", "Kya hai?"):
    - **Bot:** Achha! Admission ke liye kuch basic eligibility criteria hain. Kya aapne 12vi class mein Biology subject padha hai?
- **If user responds negatively** ("Nahi", "No"):
    - **Bot:** Theek hai! Agar aap future mein Nursing course mein admission lene ka soch rahe ho, toh humse zaroor sampark karein. Dhanyavaad aur shubhkamnayein!

2. Eligibility Check (Biology Requirement)

- **If user did NOT study Biology in 12th:**
    - **Bot:** B.Sc Nursing mein admission ke liye 12vi class mein Biology subject hona anivarya hai. Aap eligible nahi hain. Phir bhi, agar kisi aur healthcare course mein ruchi ho toh main aapki madad kar sakta hoon.
- **If user DID study Biology:**
    - **Bot:** Bahut accha! Biology ke saath aap B.Sc Nursing ke liye eligible hain. Chaliye ab aapko course ke baare mein detail mein batate hain.

3. B.Sc Nursing Program Details

Bot: - Yeh ek **full-time undergraduate course** hai jo **4 saal** ka hota hai. - Is program mein aapko **theory classes**, **practical labs**, aur **clinical training** milegi. - Course ka uddeshya

skilled nurses ko tayar karna hai jo hospitals aur community health settings mein kaam kar sakein. - Kya aap chahenge main aapko is program ke syllabus aur facilities ke baare mein aur detail du?

- **If YES:** Proceed to Fee Structure.
- **If NO:**
    - **Bot:** Theek hai! Aap jab chahein aur jankari le sakte hain. Hum hamesha uplabdh hain.

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4. Fee Structure

Bot: Yahan aapke liye complete fee structure ka breakdown hai:

- **Tuition Fee:** INR 60,000 (per year)
- **Bus/Transport Fee:** INR 10,000 (per year)
- **Total Annual Fees:** INR 70,000

Yeh fees **3 installments** mein bhar sakte hain: - **1st Installment:** INR 30,000 (Admission ke samay) - **2nd Installment:** INR 20,000 (First semester ke baad) - **3rd Installment:** INR 20,000 (Second semester ke baad)

Kya aap hostel aur hospital training facilities ke baare mein bhi jaanna chahenge?

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5. Hostel & Training Facilities

Bot: - **Hostel Facilities:** - 24x7 bijli aur paani ki suvidha - CCTV surveillance aur security guard - Experienced warden hostel mein niyamit taur par uplabdh hote hain

- **Clinical/Hospital Training:**
    - Students ko real patients ke saath kaam karne ka avsar milta hai
    - Practical exposure ke liye training Delhi ke reputed hospitals mein hoti hai

Kya aap college ki location aur aaspaas ke environment ke baare mein jaanna chahenge?

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6. College Location

Bot: - College **Dilli (Delhi)** mein sthit hai. - Yeh location easily accessible hai aur national capital hone ke nate aapko career opportunities ke liye better exposure milega. - Aaspaas shopping centers, medical facilities, aur public transport easily available hai.

Kya aap college ke recognition ke baare mein janna chahenge?

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7. Recognition & Accreditation

Bot: - Hamara Nursing College **Indian Nursing Council (INC)** se **manayata prapt** hai. - Yeh recognition kaafi important hai kyunki bina INC approval ke aapka degree kisi bhi registered hospital ya institute mein valid nahi hoga.

Kya aap clinical training centers ke naam jaanna chahenge?

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8. Clinical Training Locations

Bot: Students ko real-world hospital environment mein training milti hai jismein shaamil hain: - District Hospital (Backundpur) - Community Health Centers - Regional Hospital (Chartha) - Ranchi Neurosurgery and Allied Science Hospital (Ranchi, Jharkhand)

Yeh hospitals advanced medical cases aur community care dono provide karte hain, jo aapki practical training ke liye beneficial hote hain.

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9. Scholarship Options

Bot: College mein kuch **scholarship schemes** bhi uplabdh hain: - **Government Post-Matric Scholarship:** INR 18,000 - INR 23,000 - **Labour Ministry Scholarship:** INR 40,000 - INR 48,000 - Yeh un students ke liye hai jinke parents ka Labour Registration hai

Scholarship ke liye aapko sahi documents aur eligibility proof dena hoga.

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10. Total Seats

Bot: - Is Nursing program mein **total 60 seats** uplabdh hain. - Admission strictly eligibility aur entrance exam performance ke basis par hota hai.

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11. Final Eligibility Summary

Bot: Admission ke liye aapko ye criteria fulfill karne honge: - 12vi class mein **Biology subject** hona chahiye - **PNT (Pre-Nursing Test)** exam qualify karna zaruri hai - **Age limit:** 17 se 35 saal

Yeh sabhi conditions fulfill karne par aap eligible maane jaate hain.

Response Handling Logic

- **Positive Responses** ("Haan", "Yes", "Batao", "Kya hai?"):

- o Bot automatically agla step initiate karega
- **Negative Responses** ("Nahi", "No"):
  - o Bot politely respond karega: **"Theek hai! Aapka samay dene ke liye dhanyavaad. Agar aap future mein admission ke baare mein sochein, toh humse sampark zaroor karein."**

Visual Chatbot Flow Diagram

A complete vertical flowchart diagram of this chatbot conversation has been created to visually represent all decision nodes and branching logic.

"Namaste! Kya aap Nursing College mein admission lena chahte hain?"

No

Yes

"Theek hai, dhanyavaad!"

"Kya aapne 12vi mein Biology padha hai?"

No

Yes

"Biology avashyak hai. Aap eligible nahi hain."

"Yeh 4 saal ka full-time B.Sc Nursing course hai. Theory + practical + hospital training. Aur details chahiye?"

Yes

No

"Thik hai, aap jab chahein info le sakte hain."

"Tuition: 60k | Bus: 10k | Total: 70k/year. Installments: 30k + 20k + 20k"

Yes

"Hostel: 24x7 bijli/paani, CCTV, warden. Training: Real patients."

Yes

"College Delhi mein hai. Public transport + career exposure available."

Yes

"INC (Indian Nursing Council) se approved."

Yes

"Backundpur, Chartha, Ranchi, CHCs."

Yes

"Govt (18-23k), Labour Ministry (40-48k). Based on eligibility."

Yes

"Total 60 seats."

Yes

"12th Biology, PNT Exam pass, Age: 17–35"

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