

Nursing College Admission Assistant Flow

🔍 Overview

This project presents a structured conversational workflow for an AI Assistant (Chatbot) designed to guide prospective students through the B.Sc Nursing admission process at a reputed nursing college. The chatbot is built to simulate natural, intelligent dialogue, ensuring students receive clear, step-by-step guidance based on their responses.

🎯 **1. User Personas (Example):** we can consider some factors while giving information.

👤🎓 **Persona 1: Aarti Sharma**

- **Age:** 18
- **Location:** Jharkhand (rural)
- **Background:** 12th pass with Biology, interested in nursing to support her family
- **Intent:** Wants to understand fees, hostel, and scholarship options
- **Preferred Language:** Hindi

Bot adaptation:

- Uses Hinglish with simpler words
- Focuses on hostel safety and scholarship support
- Offers voice-based application help if needed



Here is the work flow:

START



[1] Greeting & Interest Check

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

| -- [Yes / Haan / Batao / Kya hai?] --> Go to [2]

| -- [No / Nahi] -----> END: "Theek hai! Kabhi bhi madad chahiye ho, hum yahan hain."

□ [2] Biology Eligibility Check

"Aapne 12th mein Biology padha hai kya?"

| -- [Yes] --> Go to [3]

| -- [No] --> Reply: "B.Sc Nursing mein admission ke liye Biology avashyak hai." --> END



[3] Program Details

"B.Sc Nursing ek 4 saal ka full-time course hai. Kya aap aur jaankari chahenge?"

| -- [Yes] --> Go to [4]

| -- [No] --> END



[4] Fee Structure

"Fees:

- Tuition Fee: ₹60,000

- Bus Fee: ₹10,000

- Total: ₹70,000

Installments:

- ₹30,000 at admission

- ₹20,000 after 1st semester

- ₹20,000 after 2nd semester

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

| -- [Yes] --> Go to [5]

| -- [No] --> END



[5] Hostel & Training Facilities

"Hostel:

- 24x7 paani & bijli

- CCTV

- Warden on-site

Training - Students real patients ke saath kaam karte hain.

Kya aap college location ke baare mein jaanna chahenge?"

| -- [Yes] --> Go to [6]

| -- [No] --> END

[6] College Location

"College Delhi mein hai. Kya aap location aur aaspaas ke area ke baare mein jaanna chahenge?"

| -- [Yes] --> Go to [7]

| -- [No] --> END

[7] Recognition & Accreditation

"College Indian Nursing Council (INC) se recognized hai.

Kya aap clinical training locations ke baare mein jaanna chahenge?"

| -- [Yes] --> Go to [8]

| -- [No] --> END

[8] Clinical Training Locations

"Training Locations:

- District Hospital, Backundpur

- Community Health Centers

- Regional Hospital, Chartha

- Ranchi Neurosurgery Hospital, Jharkhand

Kya aap scholarships ke baare mein jaanna chahenge?"

| -- [Yes] --> Go to [9]

| -- [No] --> END

[9] Scholarship Options

"Scholarships:

- Govt Post-Matric: ₹18k–₹23k

- Labour Ministry: ₹40k–₹48k (Labour Registration required)

Kya aap seats ya eligibility criteria jaanna chahenge?"

| -- [Yes] --> Go to [10]

|-- [No] --> END

[10] Total Seats

"Total 60 seats available hain.

Kya aap eligibility criteria jaanna chahenge?"

|-- [Yes] --> Go to [11]

|-- [No] --> END

[11] Final Eligibility Criteria

"Admission ke liye:

- 12th with Biology
- PNT Exam pass
- Age: 17 to 35 years

Kya aap admission process start karna chahenge?"

|-- [Yes] --> Prompt to collect details or direct to Apply Now link

|-- [No] --> END: "Theek hai! Aap kabhi bhi wapas aa sakte hain."

CONVERSATIONAL FLOW

Bot: 🙏 Namaste! Nursing field mein career banana ek bahut hi rewarding decision hai. Kya aap admission lena chahti hain?

(Handles: "Haan", "Yes", "Batao", etc.)

User: "Haan / Yes , Guide me please."

Bot: Shukriya, kya Aapne 12th class mein Biology padha tha?

(Handles: Non-Biology)

User: Nahi, maine 12th Commerce with Maths se complete ki hain.

Bot: B.Sc Nursing mein admission ke liye Biology avashyak hai. Agar aap future mein eligible hote hain toh humse zarur sampark karein. 🙏

 [Conversation Ends]

[2] Eligibility Check

(Handles: Eligible Users)

User: Haan, maine Biology padha hai.

Bot: Great! Aap B.Sc Nursing program ke liye eligible hain. Kya aapko is course ke baare mein aur jaankari chahiye?

[3] Program Details

(Handles: Yes/Batao)

User: Haan / Batao

Bot: ☒ B.Sc Nursing ek 4 saal ka full-time course hai jo theoretical knowledge ke saath-saath hands-on hospital training bhi deta hai.

Kya aapko fee structure ke baare mein details chahiye?

[4] Fee Structure

(Handles: Yes)

User: Haan / Batao

Bot: 📅 Annual Fees ka breakdown yeh hai:

- **Tuition Fee:** ₹60,000
- **Bus Fee:** ₹10,000
- **Total:** ₹70,000

📅 Fees ko 3 installments mein baanta gaya hai:

📅 **1st Installment:** ₹30,000 (at the time of admission)

📅 **2nd Installment:** ₹20,000 (after 1st semester)

📅 **3rd Installment:** ₹20,000 (after 2nd semester)

Do you want hostel related information also?

[5] Hostel & Training Facilities

(Handles: Yes/Haan)

User: Haan / Batao

Bot: 🏠 Hostel facilities:

- 4x7 water and electricity
- CCTV surveillance for security
- warden on site

□ Training:

Students asli patients ke saath hospital training karte hain during the course.

Kya aap college location ke baare mein jaanna chahenge?

[6] College Location

User: yes

Bot: 🎓 Hamara Nursing College Delhi mein sthit hai.

Ye Nursing College Indian Nursing Council (INC), Delhi se recognized hai.

Kya aap clinical training ke locations ke baare mein bhi jaanna chahenge?

[8] Clinical Training Locations

User: sure

Bot: □ Clinical training kai reputed hospitals mein hoti hai, jaise:

- District Hospital, Backundpur
- Community Health Centers
- Regional Hospital, Chartha
- Ranchi Neurosurgery and Allied Science Hospital, Jharkhand

Kya aapko scholarship options ke baare mein information chahiye?

[9] Scholarship Options

(Handles: Yes)

User: Haan / Batao

Bot: 🎓 Aapke liye kuch scholarship options bhi available hain:

- **Government Post-Matric Scholarship:** ₹18,000 - ₹23,000
- **Labour Ministry Scholarship:** ₹40,000 - ₹48,000 (agar Labour Registration hai)

Kya aapko seats ya eligibility criteria ke baare mein jaankari chahiye?

[10] Total Seats Available and Admission Eligibility Criteria

User: yes

Bot: 👤 College mein total 60 seats available hain. 📋 Admission ke liye aapko ye criteria fulfill karne honge:

- 12th mein Biology hona zaroori hai
- PNT Exam qualify karna hoga
- Aapki age 17 se 35 saal ke beech honi chahiye

Kya aapko application process shuru karne mein madad chahiye?

[12] End of Flow – Next Steps

(User says "No", "Nahi")

User: Nahi

Bot: Theek hai! Agar aapko kabhi bhi Nursing College admission ke baare mein madad chahiye ho, toh hum hamesha yahan hain. Shubhkamnayein! 🌸

(User says Yes)

User: Haan

Bot: Great! Aap admission form bharnе ke liye [Apply Now] button par click karein ya apna mobile number dein, hum aapko process ke liye guide karenge. 🐣

Conclusion

This project demonstrates the design of an intelligent, user-friendly AI chatbot that simplifies the Nursing College admission process. By incorporating multi-step conversational logic, bilingual support (Hinglish), personalized responses, and detailed program insights, the assistant ensures a smooth and informative journey for prospective students.

Overall, this solution showcases how prompt engineering can transform complex admission processes into seamless, accessible, and efficient experiences through well-structured AI conversations.