Problem Statement: BhojanAI – Your Foodie Guide for Ahmedabad

Background

Ahmedabad is known for its amazing food culture, from street food to fine dining. With so many restaurants around, people often get confused about where to go and what to eat. Apps like Zomato or Google Reviews give ratings and reviews, but the information is scattered, repetitive, and not always helpful when you are looking for something specific like *"where can I get good pizzas in Ahmedabad?"*

Another common issue is that menus are not always easy to find online. People usually have to search on different sites or call the restaurant just to check what's available. On top of that, none of the existing platforms let you just "chat" with an assistant and get friendly, personalized suggestions the way you would if you asked a foodie friend.

The Problem

Food lovers in Ahmedabad face three main problems today:

1. **Too much information, not enough clarity**: Reviews are scattered and don't directly answer specific needs like cuisine type, pricing, or what dishes to try.

2. **No conversational way to explore**: You can't simply ask, *"Suggest me 5 places for Daal Makhani"* and get clear, direct answers.

3. **Menus are hard to access**: Many restaurants don't have menus available in one place, making it harder to decide before visiting.

Objective

We want to solve these problems by building **BhojanAI – a friendly AI assistant for food discovery in Ahmedabad**. BhojanAI will allow users to ask natural questions and get simple, engaging, and accurate answers. It will pull details from a structured dataset we have created — including ratings, cuisines, must-try dishes, and menus — so the answers are always grounded in real data.

Key Features

- **Ask anything, get foodie-style answers**: Users can ask in simple language, and BhojanAI will reply like a foodie friend — warm, descriptive, and clear.

- **Accurate information**: Answers are based on the data we collected, including ratings, cuisines, pricing, ambience, and must-try dishes.

- **Menu sharing**: If a restaurant has a menu link, BhojanAI will share it directly. If not, it will politely let the user know.

- **Handles spelling mistakes**: Even if a user types *"Pizziolo"* instead of *"Pizzaiiolo"*, BhojanAI will figure it out.

- **Scalable**: The system uses Ollama, LangChain, and a vector database so it can grow easily and even be expanded to other cities.

Impact

BhojanAI will make food discovery in Ahmedabad easier and more fun. Instead of scrolling through endless reviews, users can just ask and get clear suggestions. It will help people discover hidden gems, save time when choosing restaurants, and create an overall better experience for food lovers in the city.

Output Preview

BhojanAI   + New chat

Welcome to BhojanAI
Your intelligent restaurant concierge and dining assistant

🍝 **Italian Romance**
Find perfect Italian restaurants for special romantic occasions

👨‍👩‍👧 **Family Dining**
Discover family-friendly spots with great kids options

🥗 **Vegetarian Options**
Explore the best vegetarian and plant-based dining

🌙 **Late Night Eats**
Find restaurants open late for your night owl cravings

Ask about restaurants, cuisines, dining recommendations...   ➤

BhojanAI   + New chat

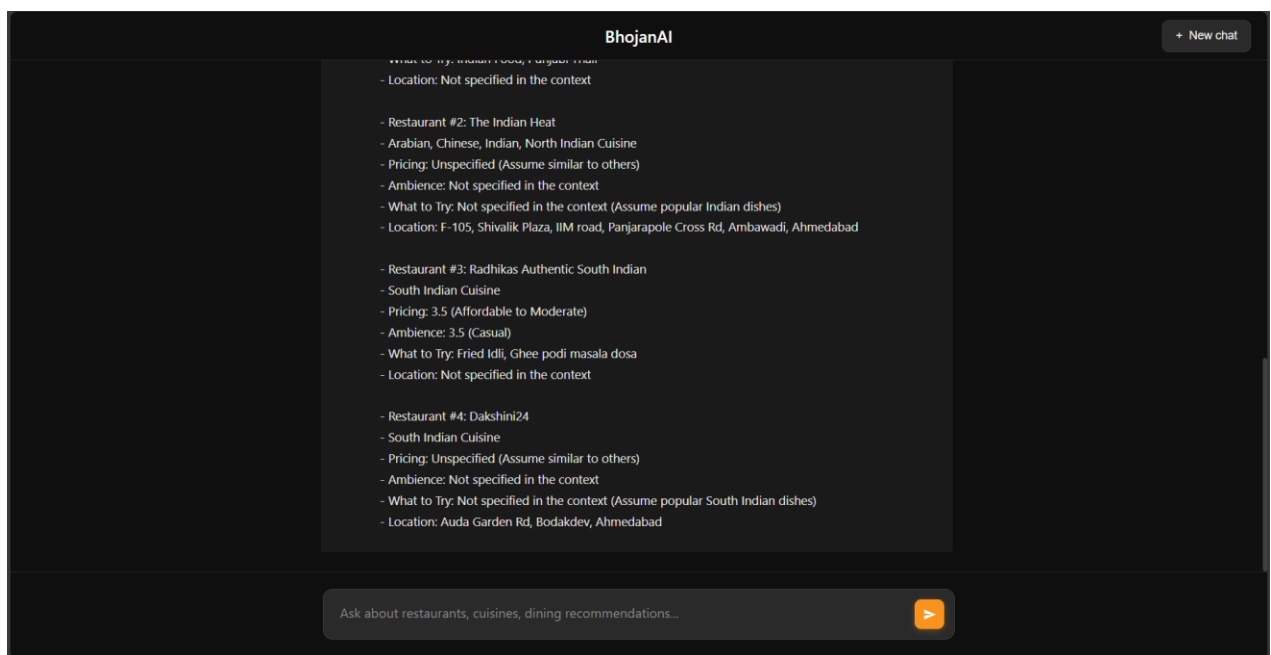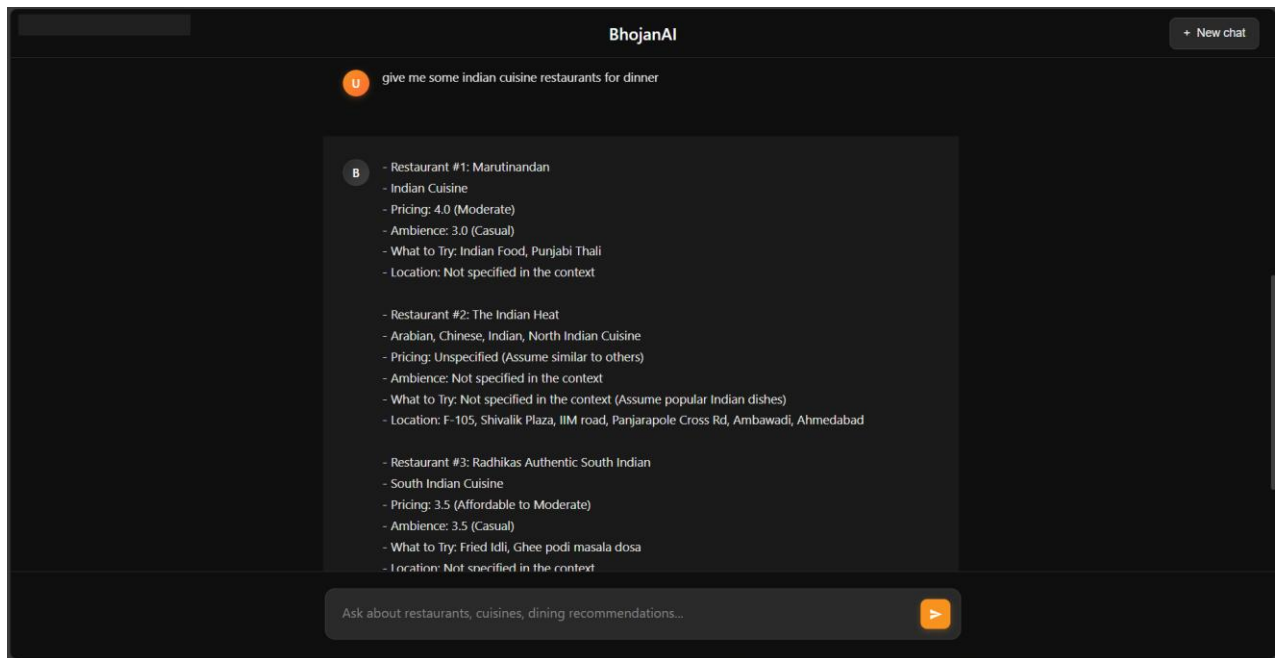**U** Recommend Italian restaurants for a romantic dinner

B - Restaurant #1: Pizzaiiolo, Shop No 12, Dev Atelier, Near Anandnagar Cross Road, Jodhpur Village, Bodakdev. This Italian restaurant offers a cozy ambiance perfect for a romantic dinner, with pasta and pizza on the menu. The pricing falls within the mid-range category (400-600 INR per head).

- Restaurant #4: Blue Oven, [location not provided]. Another Italian eatery suitable for a romantic evening, featuring wood-fired pizzas and pasta dishes. The pricing is similar to Pizzaiiolo (400-600 INR per head).

- If you're in Ahmedabad, consider Restaurant #2: Tinello at Hyatt Regency, 17/A, Ashram Road. Although its cuisine includes more than just Italian, the restaurant offers a fine dining experience that could be ideal for a romantic dinner. The pricing might not be explicitly mentioned, so it's best to inquire before visiting.

- For a less expensive option, consider Restaurant #3: Martino'z Pizzeria [location not provided]. This pizzeria offers pizza and a slightly casual ambiance. Although its overall rating is lower than the other recommendations, it could still be a great choice for those looking for a romantic dinner on a budget (200-400 INR per head).

Ask about restaurants, cuisines, dining recommendations...   ➤

U give me some indian cuisine restaurants for dinner

B
- Restaurant #1: Marutinandan
- Indian Cuisine
- Pricing: 4.0 (Moderate)
- Ambience: 3.0 (Casual)
- What to Try: Indian Food, Punjabi Thali
- Location: Not specified in the context

- Restaurant #2: The Indian Heat
- Arabian, Chinese, Indian, North Indian Cuisine
- Pricing: Unspecified (Assume similar to others)
- Ambience: Not specified in the context
- What to Try: Not specified in the context (Assume popular Indian dishes)
- Location: F-105, Shivalik Plaza, IIM road, Panjarapole Cross Rd, Ambawadi, Ahmedabad

- Restaurant #3: Radhikas Authentic South Indian
- South Indian Cuisine
- Pricing: 3.5 (Affordable to Moderate)
- Ambience: 3.5 (Casual)
- What to Try: Fried Idli, Ghee podi masala dosa
- Location: Not specified in the context

Ask about restaurants, cuisines, dining recommendations...

- Restaurant #4: Dakshini24
- South Indian Cuisine
- Pricing: Unspecified (Assume similar to others)
- Ambience: Not specified in the context
- What to Try: Not specified in the context (Assume popular South Indian dishes)
- Location: Auda Garden Rd, Bodakdev, Ahmedabad

Ask about restaurants, cuisines, dining recommendations...

NOTE

- *This model is a prototype version made during the hackathon period.*
- *In the future, we will use better databases and models for a more advanced model.*

**THIS IS A BETA VERSION*