



IBM Book Recommendation Chatbot

A genre-based book recommender built with IBM Watson Assistant, designed to revolutionize how users discover books through natural language conversations.

Overview and Contributors

Project Details

This project, the "Book Recommendation Chatbot," leverages IBM Watson Assistant to provide users with personalized book suggestions based on their preferred genres. It simplifies book discovery through intuitive, natural language interactions.

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Declaration of Original Work

I hereby declare that this IBM PBEL Virtual Internship project, "Book Recommendation Chatbot using IBM Watson Assistant," is my original work. All concepts, designs, and implementations are the result of my independent efforts, under the guidance of my mentor and the support of IBM PBEL. This project has not been previously submitted for any other academic or professional purpose.

Acknowledgements

I extend my sincerest gratitude to Mr. R Devnath for his invaluable guidance, unwavering support, and insightful feedback throughout this project. His expertise was instrumental in navigating complex challenges and refining the chatbot's functionality.

I am also deeply thankful to the entire IBM PBEL Virtual Internship team for providing this exceptional opportunity to work on cutting-edge AI technologies. This experience has significantly enhanced my understanding and practical skills in natural language processing and chatbot development. Finally, I appreciate the continuous encouragement and resources provided by the United College of Engineering and Research.

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Project Overview



Book Recommendation Chatbot

Leveraging AI for personalized reading suggestions.



Genre-Based Suggestions

Recommends books across categories like fantasy, mystery, and sci-fi.



Natural Language Interaction

Enables intuitive book discovery through conversational AI.

Key Features



Genre-Based Recommendations

Utilizes the `@genre` entity to identify and respond with tailored book suggestions based on user preferences.



Intent Recognition

Recognizes core user intents such as `greet`, `recommend_book`, and `thanks` to guide conversations.



Robust Fallback Handling

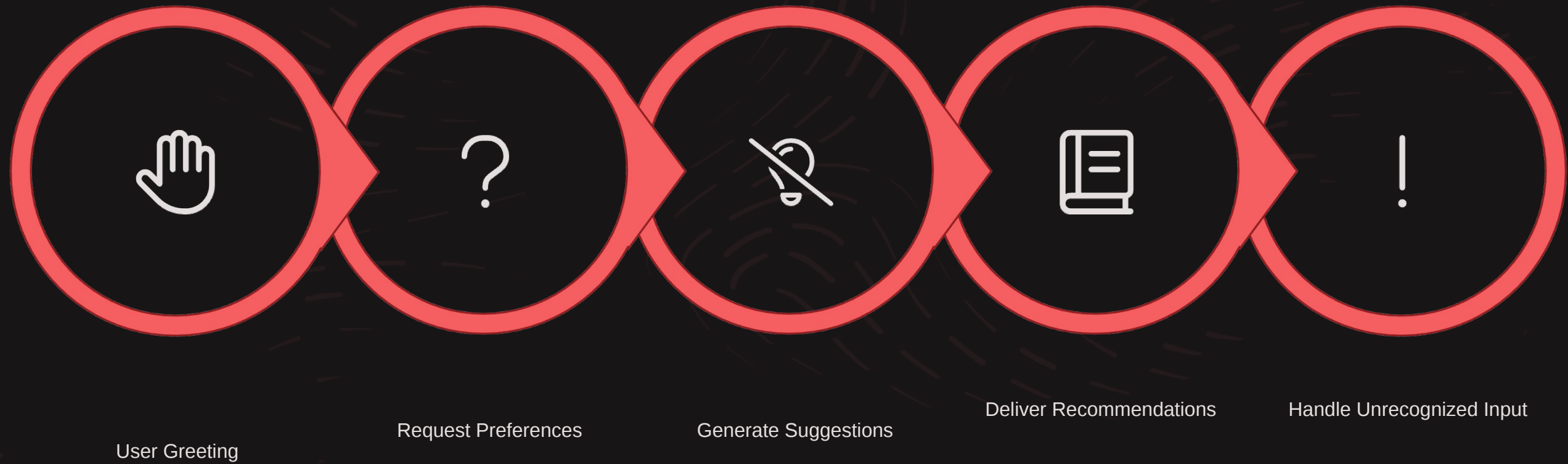
Effectively manages unrecognized inputs, providing a graceful user experience.



Seamless Web Integration

Facilitated by Watson Web Chat for easy deployment and accessibility.

Dialog Flow



Website Integration

Simplified Deployment

Watson Assistant Web Chat is integrated directly into the website using a single script tag.

Front-End Centric

The chatbot interface seamlessly appears in the bottom-right corner of the website, providing immediate access to users without requiring complex backend setup. This approach ensures rapid deployment and minimal dependency on server-side logic.





Discover books that match your mood, genre, or curiosity

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Output Screenshot

Conclusion: Simple, Effective, Deployable

This project demonstrates a simple yet highly effective chatbot for genre-based book discovery, built entirely using IBM Watson Assistant. Its ease of deployment makes it a practical solution for enhancing user engagement on any website.

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