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# **CAPSTONE PROJECT**

## **My College - ChatBot**

**Presented By:**  
**Akash Bhaumik**

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# OUTLINE

- Problem Statement
- Proposed System/Solution
- System Development Approach
- Result
- Conclusion
- Future Scope
- References

## Problem Statement

- Challenges in streamlining the college admission process for prospective students. •  
**Need for a user-friendly and efficient system to provide accurate information and guidance.**

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# Proposed Solution

1. **User Interaction:** Engages users in natural language conversations, guiding them through the admission process.
2. **Information Collection:** Securely gathers essential user data such as name, contact details, exam scores, and course preferences.
3. **Query Handling:** Responds promptly and accurately to inquiries about course details, admission criteria, application status, and general college information.
4. **User Guidance:** Offers step-by-step assistance on completing applications, submission deadlines, and required documentation.
5. **Feedback Mechanism:** Incorporates user feedback to continuously improve response accuracy and user satisfaction.

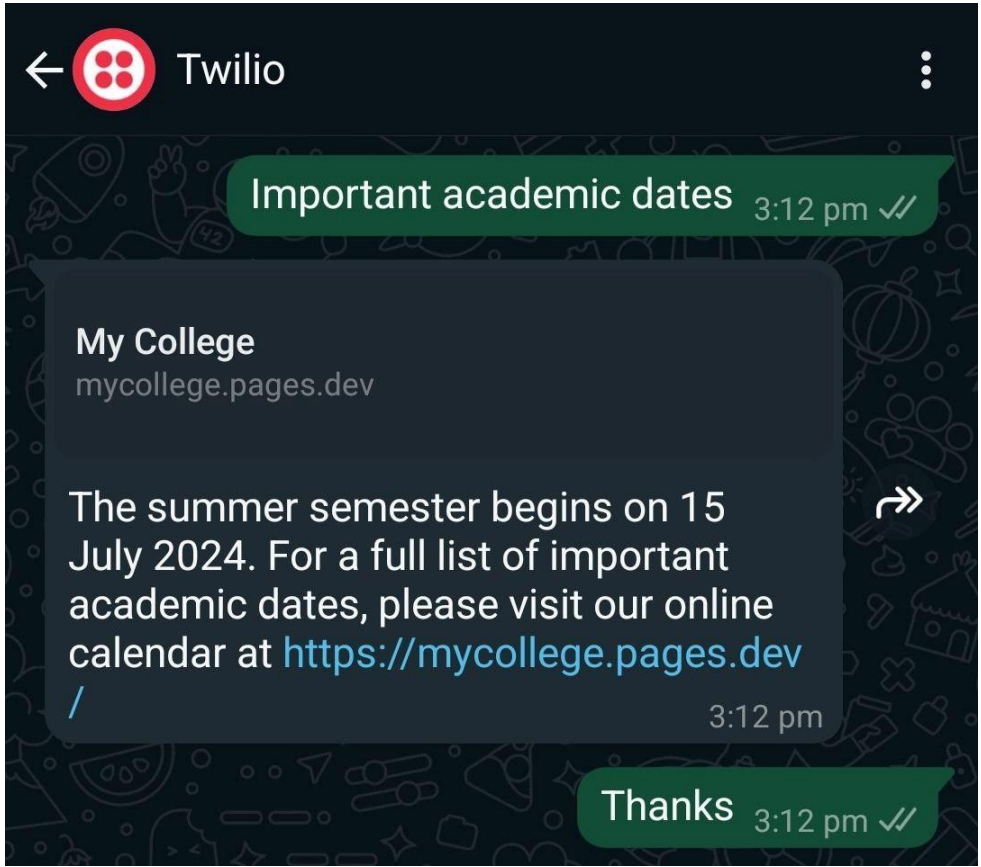
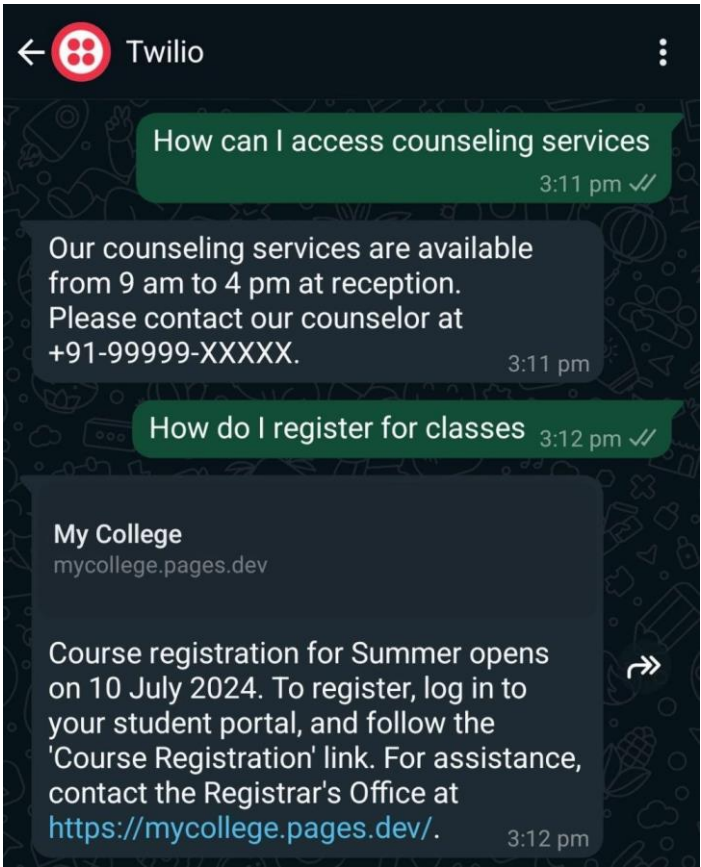
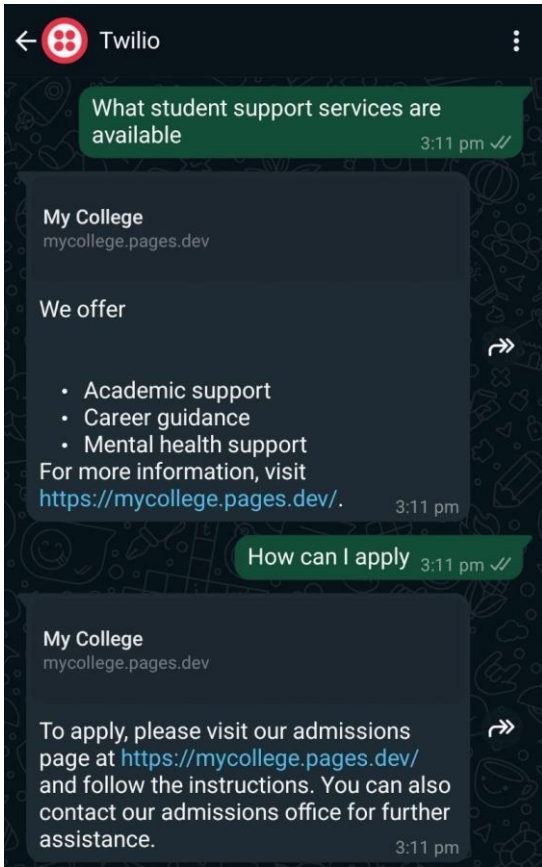
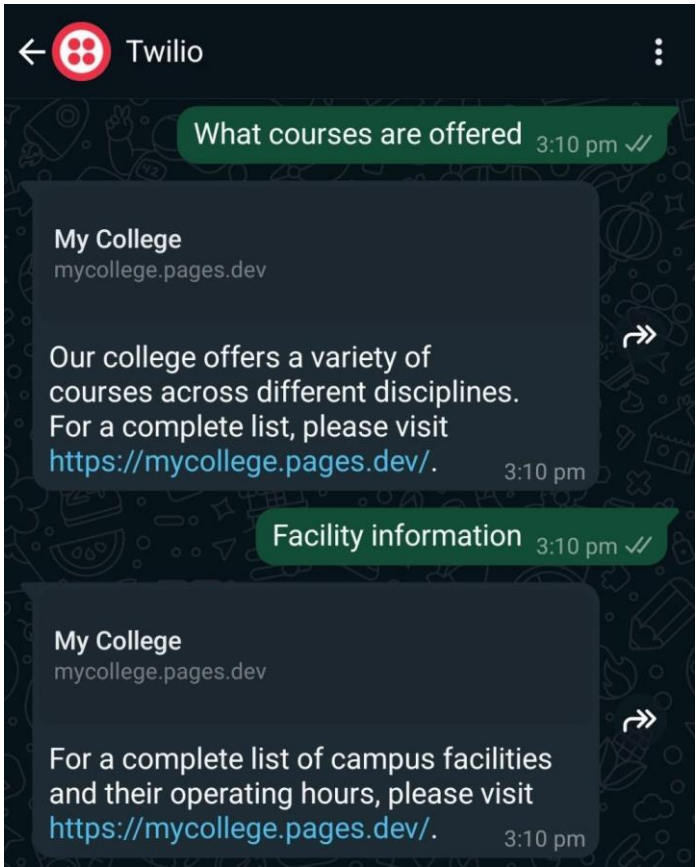
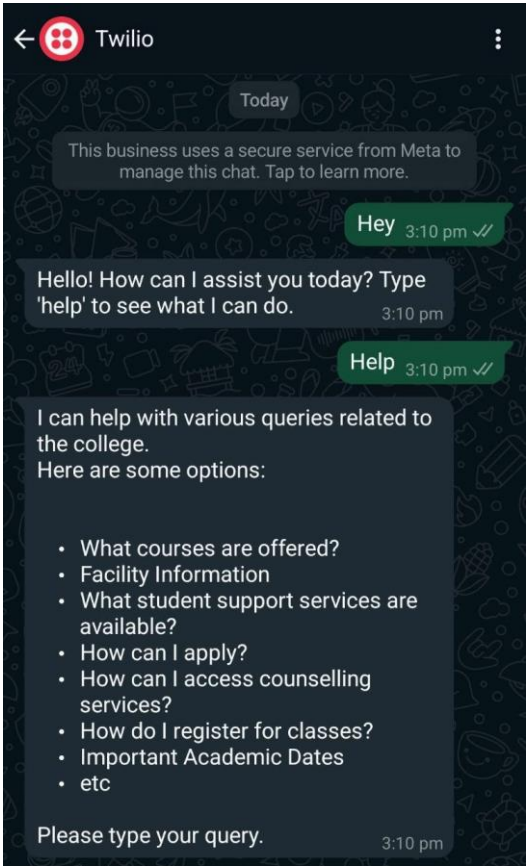
## System Approach

- **Technology Used:** IBM Watson Assistant for natural language processing and dialog management.
- **System Requirements:** Compatible with modern web browsers and mobile devices.

# Result

- Developed a college admission chatbot aimed at simplifying and enhancing the application process for prospective students.
- Facilitates intuitive and efficient interaction through natural language processing capabilities.
- Ensures secure and confidential handling of user data throughout the application journey. • Enhances user experience by providing timely and accurate information tailored to individual queries.
- Feedback mechanism enables ongoing refinement of chatbot responses based on user interactions.

# Result



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# Conclusion

- The college admission chatbot represents a significant advancement in improving accessibility and user experience in the admission process.
- By leveraging AI-powered natural language processing, it effectively addresses the informational needs of prospective students.
- Offers a scalable solution to accommodate future enhancements and adapt to evolving user requirements.
- Contributes to a streamlined and efficient admission process that benefits both applicants and the institution.

## Future scope

- **Personalized Assistance:** Implement machine learning algorithms to offer personalized recommendations and adaptive guidance.



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# References

- IBM watsonx Assistant tutorial

# course certificate 1





# course certificate 2



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# THANK YOU