

Ask to Librarian AI Chatbot Service Kiosk with Online Application

The AI-Librarian will be a chatbot interface that students can interact with using natural language. It will leverage LLM technology to understand and respond to student inquiries, providing relevant and personalized information. Main features include book recommendations based on interests and search queries, real-time inventory status updates, library operation guidelines, and summaries of book contents.

The main role of the AI-Librarian is to act as a virtual assistant, guiding students through the library's resources, providing personalized recommendations, and answering inquiries related to library operations and book contents. It aims to bridge the gap between students and the wealth of knowledge available in the library, enhancing the overall learning experience.



Kiosk Specification:

- 21.5" Capacitive
- Touch Screen (10-point touch)
- Brightness 250cd/m2
- Contrast 450:1
- Backlight tube life: more than 40,000 hours
- Dot pitch: 0.297
- Max resolution: 1920x1080
- USB interface, plug and play
- Built-in camera



AI Chatbot Service through Kiosk/App Features

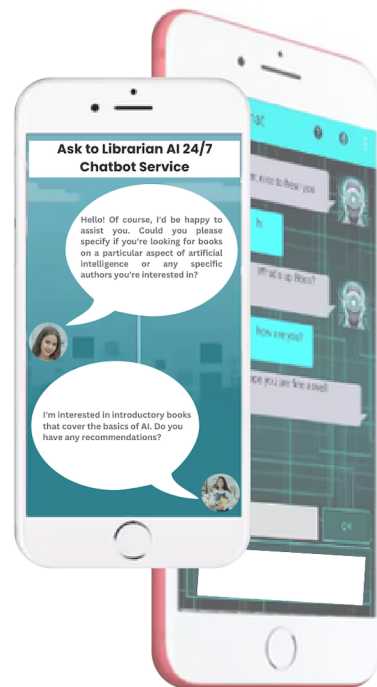
1. Integration with library catalog systems for real-time access to book availability, item details, and borrowing status
2. Responsive design for seamless access across devices
3. Book search and recommendation functionality based on user preferences and past borrowing history
4. Customization options for configuring responses, adding new services, and updating content.
5. Advanced NLP algorithms for understanding and interpreting user queries in natural language
6. Support for multi-language input to cater to diverse user populations
7. High availability and reliability to ensure uninterrupted service uptime.
8. Open librarian service support 24/7

Advantages for Students

- **Convenience:** Students can easily access library resources and get personalized recommendations without the need for email inquiries or navigating complex websites.
- **Time-saving:** The AI-Librarian can quickly provide relevant information, book summaries, and inventory status, reducing the time spent searching for resources.
- **Personalization:** The LLM-powered recommendations are tailored to individual student interests and queries, enhancing the overall library experience.

Advantages for Educational Institutions

- **Improved student engagement:** By offering a modern and user-friendly interface, the AI-Librarian can increase student interest and utilization of library resources.
- **Cost-effective:** Implementing the AI-Librarian service can potentially reduce the workload on library staff, freeing them up for more strategic tasks.
- **Data insights:** The service can provide valuable data on student interests, search patterns, and resource usage, informing library acquisition decisions and resource allocation.
- **Competitive advantage:** Early adoption of AI-powered library services can position the institution as an innovative leader in educational technology.



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