



**SUPERIOR UNIVERSITY**

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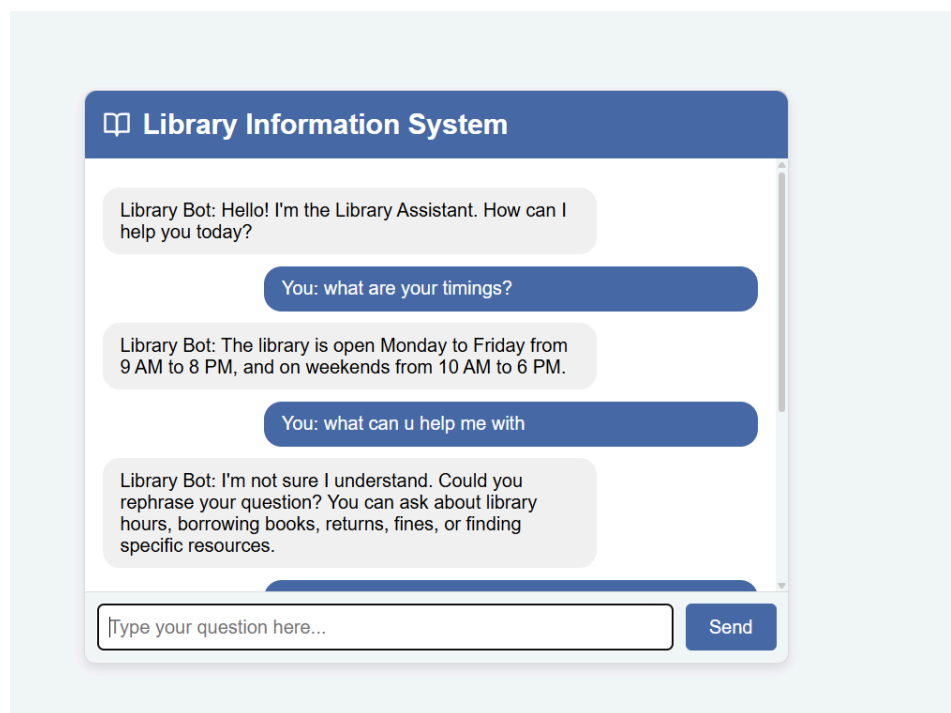
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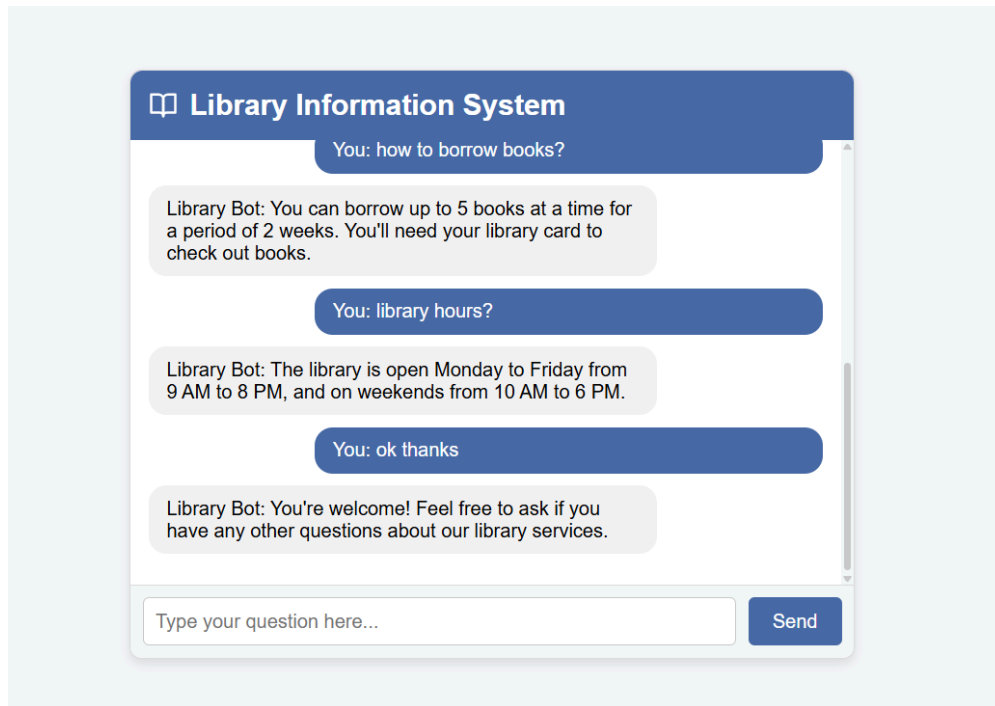
**Section:BSAI 4A**

**Subject:Programming for AI**

**LAB TASK 10**

**Output ss:**





## How and why:

It's a simple Library Information Chatbot built using Flask and Flask-SocketIO. When users open the web page, they can chat with a virtual library assistant in real-time. The chatbot listens for user messages like library hours or how to borrow a book or timings and responds with relevant information. The `socketIO` part enables real-time communication between the user and the bot without needing to refresh the page. It responds instantly to questions about library timings, borrowing rules, returning books, fines, membership, and more, making it a helpful and interactive way to assist library users.