

Functional Requirements of Edu tech web chatbot.

Objective

The objective of the EduTech web chatbot is to revolutionize the learning experience by providing personalized support, enhancing accessibility, and fostering engagement. It aims to offer a convenient and flexible learning environment, allowing users to access educational resources and assistance at any time. By personalizing learning pathways based on individual interests and preferences, the chatbot promotes self-paced learning and ensures relevance. It strives to empower users with interactive and gamified experiences, continuous feedback, and collaboration opportunities. Features Supported in Application

Functional requirements:

User Registration:

- The chatbot should provide a seamless user registration process.
- It should collect basic user information such as name, email address, and password.
- It should validate user inputs and ensure unique email addresses for each user.
- It should securely store user information.

User Authentication:

- The chatbot should support user authentication to ensure secure access to the app.
- It should allow users to log in using their registered email address and password.
- It should implement appropriate security measures to protect user accounts from unauthorized access.



Course Recommendations:

- The chatbot should provide personalized course recommendations based on user preferences and learning objectives.
- It should analyze user data, such as past course history, interests, and performance, to suggest relevant courses.
- It should consider factors like course difficulty, prerequisites, and user feedback while making recommendations.
- It should allow users to filter and refine course recommendations based on specific criteria.

Course Enrollment:

- The chatbot should facilitate course enrollment for users.
- It should provide information about available courses, including course descriptions, instructors, and schedules.
- It should allow users to browse and search for courses based on different criteria, such as subject, level, and duration.
- It should enable users to enroll in courses directly through the chatbot interface.\

Learning Resources:

- The chatbot should offer a wide range of learning resources to support users' educational needs.
- It should provide access to course materials, lecture notes, presentations, and additional learning materials.
- It should recommend supplementary resources, such as books, articles, and videos, related to the user's chosen courses.

Notifications and Reminders:

- The chatbot should send notifications and reminders to users for upcoming deadlines, events, and course updates.
- It should allow users to customize their notification preferences and frequency.
- It should send notifications through various channels, such as in-app messages, emails, or push notifications.
- It should support automated reminders for unfinished tasks or unviewed content.

User Feedback and Support:



- The chatbot should collect user feedback on courses, content, and overall user experience.
- It should provide a mechanism for users to rate courses, instructors, and learning materials.
- It should allow users to report issues, suggest improvements, or request assistance.
- It should have a support system in place to address user inquiries, problems, and technical issues