

Functional Requirements of Edutech 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.