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Yantra Idea submission

Knowledge Exchange Platform for VIT Students

In the modern educational landscape, students seek flexible and personalized learning opportunities beyond traditional classrooms. Our project, Knowledge Exchange, is a website and application that transforms peer-to-peer learning for VIT students. It empowers students to share knowledge and expertise with one another by creating personalized profiles, setting affordable teaching rates, and earning while learning.

Students can access interactive learning sessions through one-to-one chat, phone calls, or video calls. A rating system ensures quality and reliability, while an AI-powered chatbot instantly answers academic doubts. The community feed allows students to post and resolve academic questions collectively. Knowledge Exchange is a dynamic, innovative platform that creates a collaborative academic ecosystem for VIT students to excel in their studies.

Key Features:

1. **Peer-to-Peer Learning:** Students can create profiles to showcase their expertise in specific topics or subjects and set prices for teaching these topics to other students at marginal rates.
2. **Rating and Feedback System:** To ensure quality teaching and a reliable learning experience, students can provide feedback and rate their peers based on their teaching sessions.
3. **AI-Powered Chatbot for Academic Assistance:** An AI chatbot will be integrated into the platform to answer any academic doubts or questions, providing instant support to students.
4. **Community Doubt Resolution:** Students can post their doubts or questions on the app's feed, allowing other students to contribute answers and engage in collaborative discussions.
5. **One-to-One Chat Box:** The platform includes a private chat feature, enabling students to engage in one-on-one conversations with peers for personalized learning and teaching experiences.
6. **Phone Call and Video Call Options:** To facilitate effective teaching and learning, students can initiate phone or video calls directly through the platform, allowing for more interactive and dynamic sessions.