Virtual Xperience: Revolutionizing Virtual Event Management

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Background

Virtual events have become essential in today's digital era, especially in the context of global connectivity. Managing these events efficiently and providing an engaging user experience are critical to their success.

Problem

- Current virtual event platforms often lack comprehensive features for seamless event management and user interaction. There is a need for a unified solution that integrates event creation, activity management, user interaction, and content sharing.

Goal

- To develop an application that simplifies the organization, management, and participation in virtual events, enhancing user experience and engagement.

Objetives

- Simplify event creation and management
- Enhance user interaction and engagement
- Provide secure and seamless access to event materials

Proposed Method

- User Registration and Authentication
  - Secure user login with unique email and password
- Event Management
  - Create and manage events with descriptions, dates, and privacy settings
  - Add and manage activities and assignments
- Interactive Features
  - Calendar view for event schedules and deadlines
- Content Access
  - Upload and share documents and videos
  - Access event materials and related content

Results

- Unit Tests: 50 tests, 98% success rate

- Integration Tests: 10 tests, 100% success rate

- User Acceptance Tests: Positive feedback from 20 users

Conclusion

Virtual Xperience provides a comprehensive platform for virtual event management, offering essential features to enhance organization and engagement. Future developments will focus on further improving user interaction and integrating more advanced analytics.

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