ACADEMIC SCHOLAR

Connecting Minds for Academic Excellence

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Academic Scholar

welcome to our initiative, here we will deal with issues like poor communication and solitary learning in today's world of education. The answer to these problems is this initiative. A user-friendly portal called Academic Scholar links students, teachers, and professionals, encouraging cooperation and knowledge sharing. It is significant because it has the potential to enhance academic culture, teaching, and learning. In this presentation, we'll go over the issue, our response, and our objectives.

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Problem Statement

Today's students and teachers frequently struggle with the lack of effective communication and collaborative learning tools. Traditional teaching strategies isolate students and limit their access to academic support. An inclusive, user-friendly network that links students, teachers, and subject-matter experts is clearly needed in order to promote academic collaboration and knowledge sharing.

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Project Goal

With Academic Scholar, our aim is to establish a welcoming environment where academic collaboration and information sharing can flourish. Users of Academic Scholar are given the tools they need to connect, learn, and succeed in their academic endeavors.

USER STORIES

STUDENT

Krish wants to study the best coding techniques, get assistance from faculty and peers, and became a skilled coder. He enjoys evaluations and suggestions for coding solutions and seeks out individualized guidance of coding professors.
His primary goals in the field of computer science is to learn and meet like-minded people.

COLLAGE FACULTY

scholarly professor aims to improve the understanding of students by encouraging exciting scientific talks.
He promotes phrases management, fosters student engagement, and organizes in-person Q&A sessions.
His primary goals is to boost learning and establish an active learning atmosphere.

GUEST FACULTY

contributes to conversations about biology and the environment by offering knowledge based on his studies.
He must be aware of key biology projects and urged to actively participate in live Q&A sessions.
His primary goals include raising environmental and biological awareness while collaborating with students and teachers on worthwhile projects.

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App Functionalities

- **User Category Selection**
- Choose Student, Guest Faculty, or College Faculty during login for a personalized experience.

- **Trending Questions Feed:**
- Stay updated with popular academic questions upon login.

- **Academic Discussion Groups:**
- Create/join groups for academic discussions.

- **Q/A Sessions:**
- Participate in live Q/A sessions.

- **Search Functionality:**
- Search for specific questions or topics.

- **Navigation Options:**
- Access various features, settings, account info, and more.

- **Query and Suggestions Submission:**
- Post academic queries and suggestions.

- **Personalized Chat:**
- Connect with peers and faculty for academic guidance.

- **Reviews and Feedback:**
- Create discussion groups for collaboration.

- **Reporting and Moderation:**
- Provide feedback to enhance content quality

- **Mentioning and Inviting:**
- Mention and invite others for effective communication.

- **Guide Bot:**
- An AI-powered Guide Bot to provide assistance and answers to common questions

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HAND DRAWN SKETCH

```
                              START
                                |
                        CHOOSE USER TYPE
                              | |
                              V V
        STUDENT ----------------- FACULTY ----------------- GUEST FACULTY
                        |              |              |
    POST QUESTIONS     | CREATE DISCUSSION BOARD | JOIN DISCUSSIONS
    BROWSE QUESTIONS   | PROVIDE ANSWERS        | PROVIDE EXPERT ANSWERS
    SEARCH QUESTIONS   | MANAGE DISCUSSIONS     | PARTICIPATE IN LIVE Q&A
                     | RATE/REVIEW ANSWERS  | SCHEDULE LIVE Q&A
                       | RECEIVE NOTIFICATIONS|
                             |            |
                      | ADDITIONAL FEATURES |
    (REPORT & MODERATION, ONBOARDING, SECURITY,ANALYTICS, SCALABILITY)
                                |
                                V
                       RECEIVE NOTIFICATIONS
                                |
                              END
```

Technical Details

- Security: Strong user authentication and data encryption for enhanced user privacy.
- Notifications: Push notifications for real-time updates on messages, replies, and content.
- Content Moderation: User-friendly reporting system to maintain a safe and respectful environment.
- Database: Robust backend for secure storage of user data, posts, and conversations.
- Scalability: Future-ready architecture to accommodate increased user numbers.
- User Analytics: Utilizing user behavior analytics for continuous feature enhancement and a better user experience.

Conclusion

Summary:

- Academic Scholar, with its innovative features and secure environment, addresses the pressing challenges in education.

Achieving Goals:

- The app fosters academic collaboration, connects students and faculty, and promotes knowledge sharing.

The Future:

- The future of education is more engaging and collaborative, thanks to Academic Scholar.