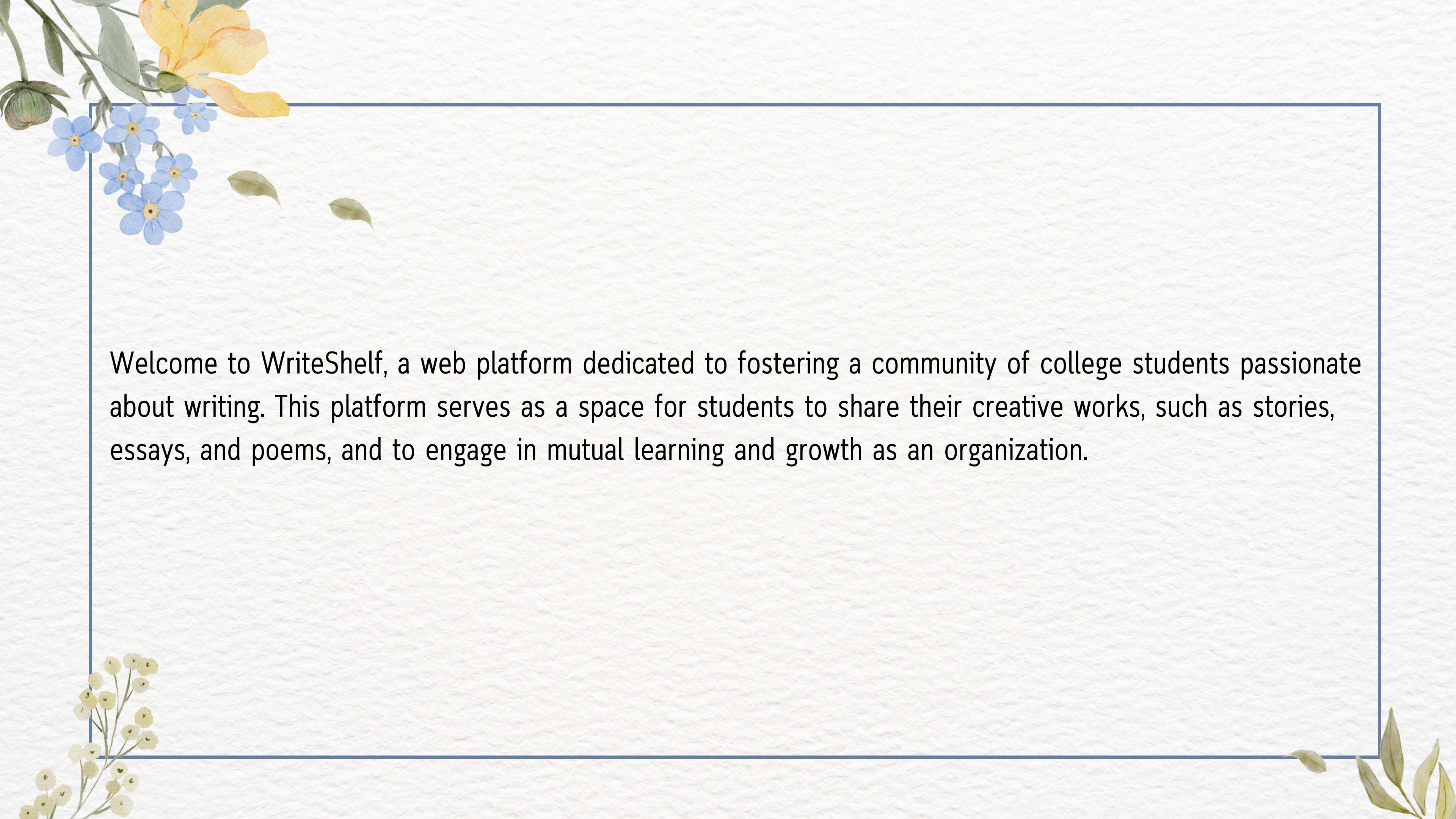


writeshelf

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2024



Welcome to WriteShelf, a web platform dedicated to fostering a community of college students passionate about writing. This platform serves as a space for students to share their creative works, such as stories, essays, and poems, and to engage in mutual learning and growth as an organization.

Features of WriteShelf

1. Digital Library: Explore an extensive library of light novels and creative works contributed by fellow students.
2. Interactive Space: Writers can receive constructive feedback and engage in discussions with peers to refine their craft.
3. User Roles:
 - Admin: Manages platform content and oversees community guidelines.
 - Contributor/Writer: Shares original works and interacts with readers.
 - Reader: Reads and comments on shared works, providing valuable insights.
 - Guest: Browses content to get a glimpse of the community.
4. Core Functions:
 - User authentication ensures a secure and personalized experience.
 - Book search and browsing capabilities make finding content effortless.
 - Notifications keep users updated on new contributions and interactions.
 - Tracking reading history and writing contributions helps users stay organized.
 - Following creators and leaving comments foster strong community connections.

Our Vision

WriteShelf aspires to be more than just a digital library. It aims to be a thriving community where students can inspire and learn from one another. By sharing stories, exchanging ideas, and providing feedback, members contribute to a culture of creativity and continuous learning.

Join WriteShelf today and become a part of an organization that values the art of storytelling and the joy of shared learning.

System Design

1. Architecture

- WriteShelf is a client-server application using Flask for backend logic and MongoDB for data storage.
- The database handles user data, book information, ratings, comments, and more.

2. Performance and Scalability

- Supports up to 1,000 concurrent users without lag.
- Designed to scale for 100,000 users and 1 TB of content.

3. Security

- Employs HTTPS for secure data transmission and encrypted storage for sensitive information.
- Role-based access ensures data privacy and feature restrictions.

Target Audience and Benefits

- Readers: Discover and review books while engaging with authors.
- Writers: Publish works, gain feedback, and build an audience.
- Administrators: Manage content and monitor platform activity.

This combination fosters a thriving community for literary enthusiasts.



Conclusion

WriteShelf is more than just a digital library. It's a collaborative ecosystem where readers and writers connect. With its robust design, personalization, and secure infrastructure, it aims to become a cornerstone for modern literature lovers.

Thank you for your attention! Any questions?

