

Presentation
On:

BRAINBLOOM

Learn anything,
anywhere.



Supervised by

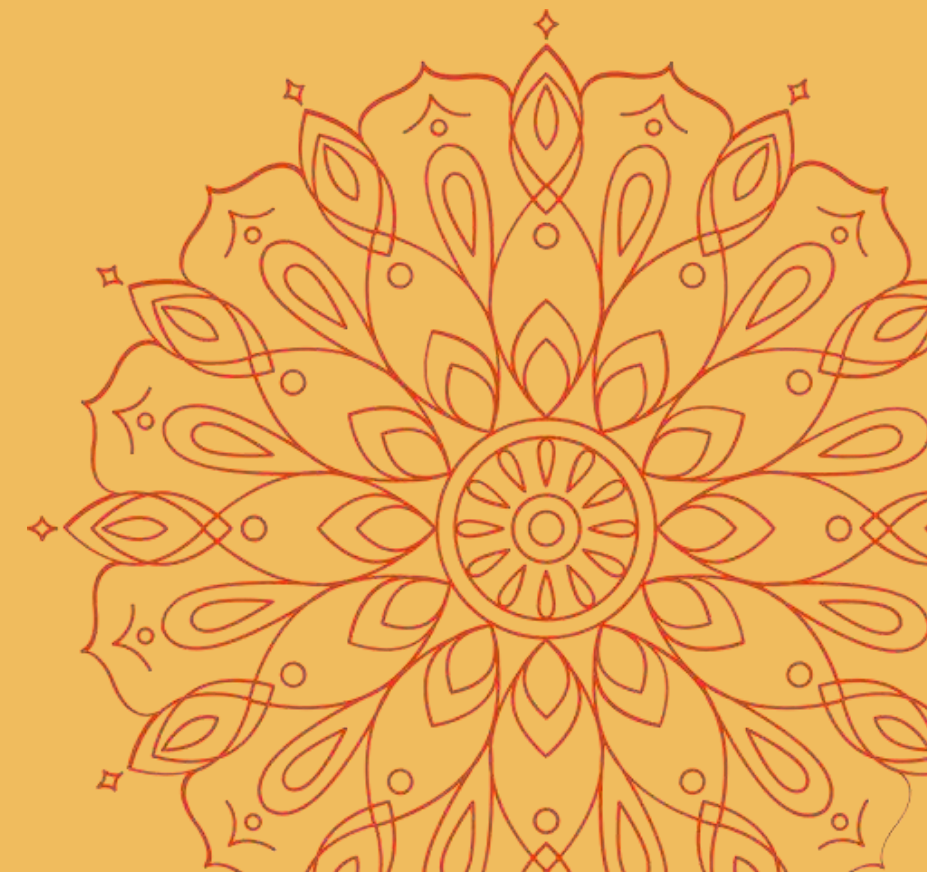


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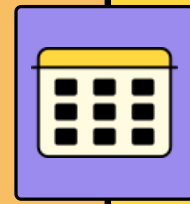
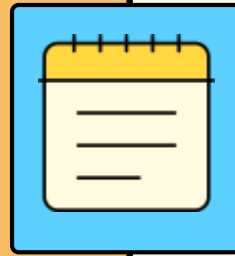


Table of Content



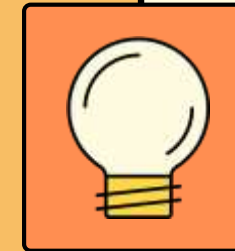
Introduction



Importance



Objectives



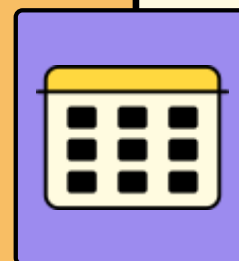
Contribution



Methodology



Implementation



Features



Future
Scopes



Introduction



This project is an integrated digital learning platform designed to enhance academic performance through a combination of interactive quizzes, structured practice sessions, solution-based feedback, and multimedia learning resources.



Importance

Addresses the need for accessible, self-paced learning tools in a digital environment.



Encourages active learning by combining assessment with immediate corrective feedback.



Bridges the gap between theoretical knowledge and applied problem-solving skills.





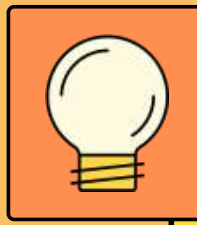
Objectives



To develop a user-friendly platform for students to learn, practice, and assess their knowledge.

To provide real-time feedback and guided solutions for incorrect answers.

To facilitate access to diverse resources, including PDFs, interactive books, and video lessons.



Contribution



Empowers students with a self-directed learning environment.



Reduces teachers' workload by streamlining resource distribution.



Enhances retention through interactive and multimedia-based learning methods.



Promotes personalized learning through adaptive question sequencing.



Methodology

Requirement Analysis

Content Development

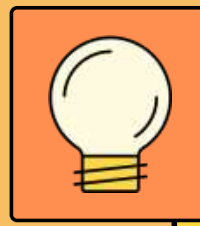
System Design

Implementation

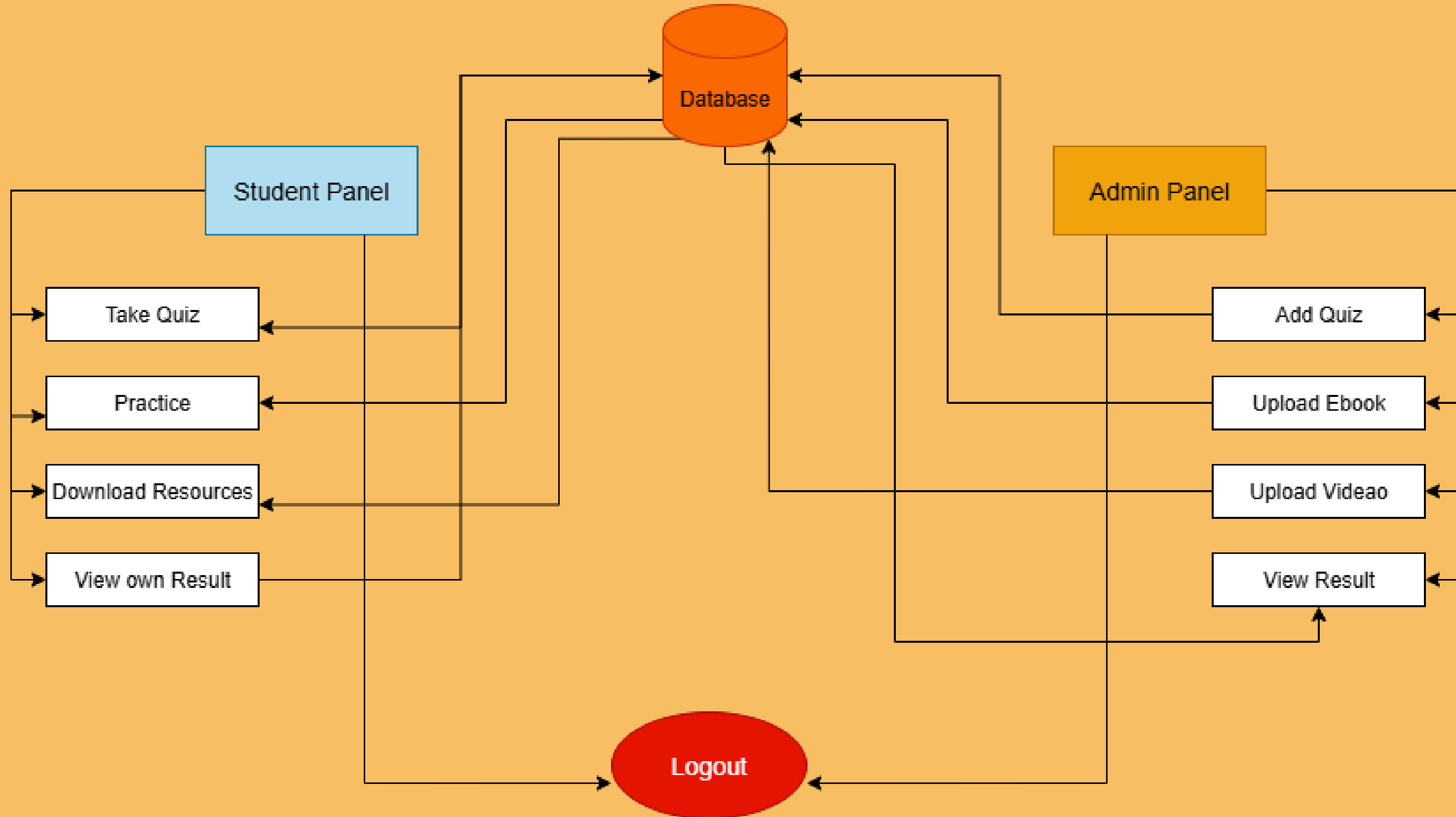


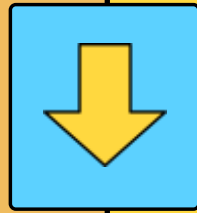
Feedback Integration





System Diagram





Implementation

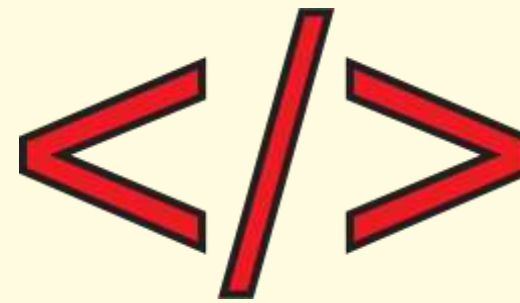
Overview of used tools



PHP



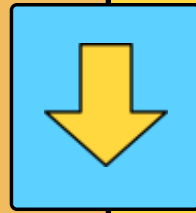
HTML



CSS



XAMPP



Implementation

Overview of graphical user interface

Login

Email:

Password:

Login

Don't have an account? [Register here](#)

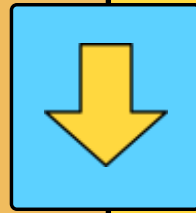
Admin Dashboard

Add Quiz Add Question View Results Upload E-Book Upload Video Logout

Welcome to the Admin Dashboard. Use the navigation bar above to manage your quizzes.

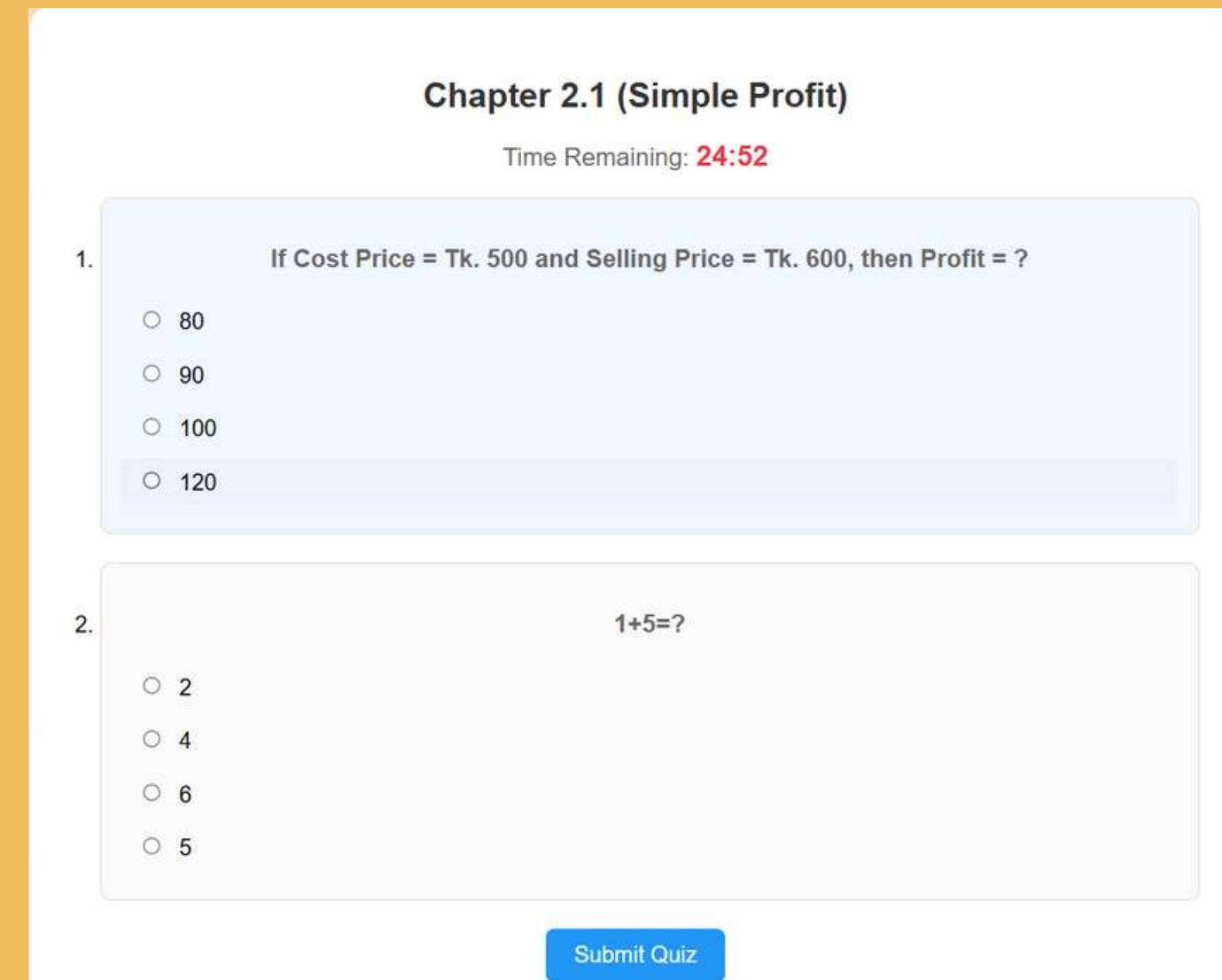
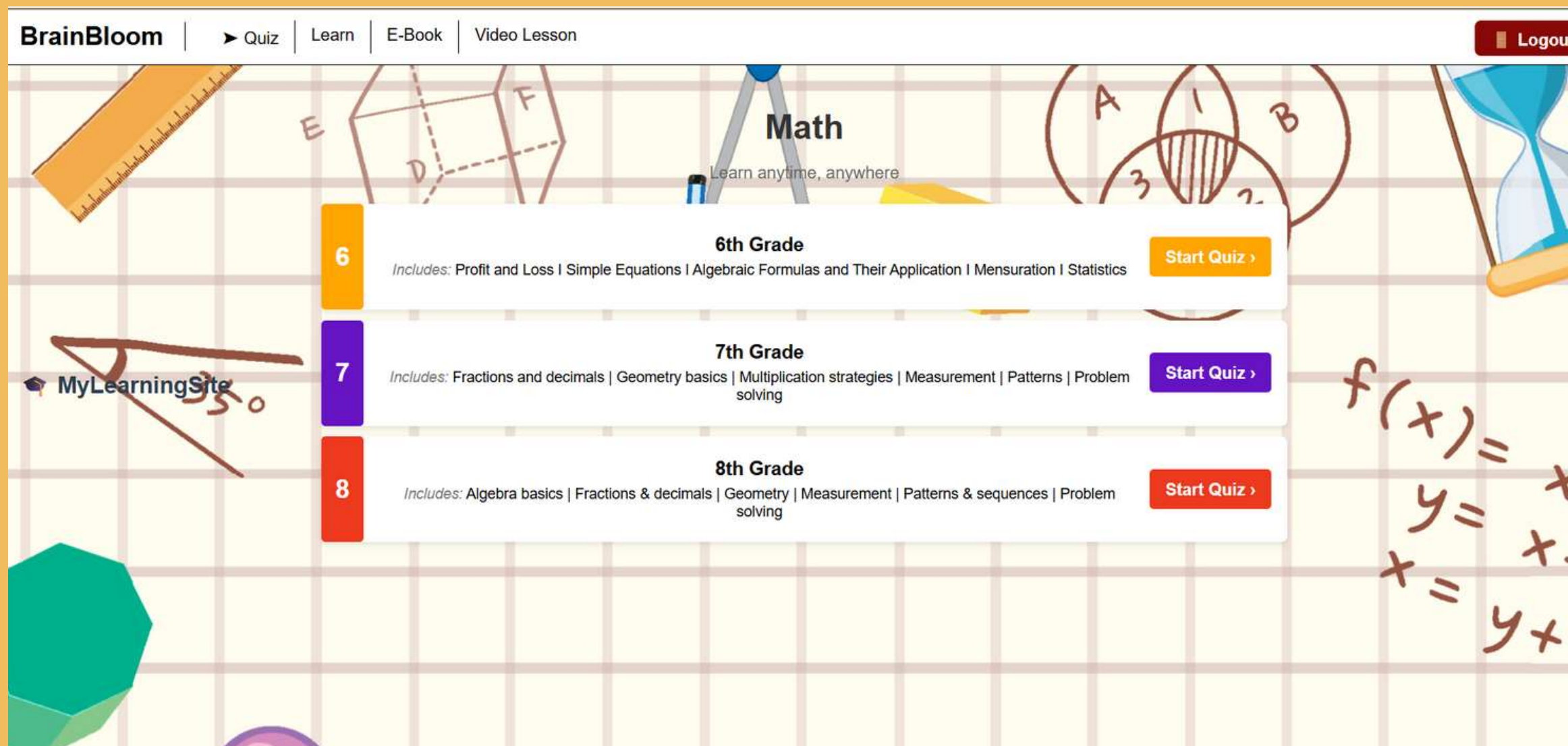
Welcome, Admin User 🙌

- + Create New Quiz
- 📄 Add Questions
- 📊 View Results
- 📖 Upload E-Book
- 📺 Upload Video
- 🚪 Logout



Implementation

Overview of graphical user interface



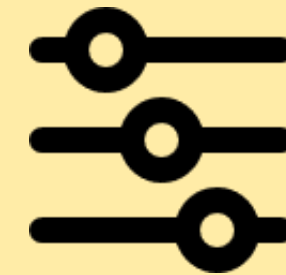


Features



Quiz Mode

Problem Solver



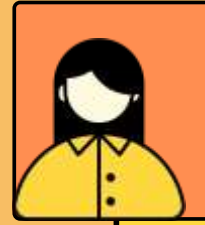
Difficulty Levels



Resource Library



Video Lessons



Future Scope



**AI-Powered
Learning
Recommendations**



**Gamified
Learning
Experience**



**Multi-
Language
Support**

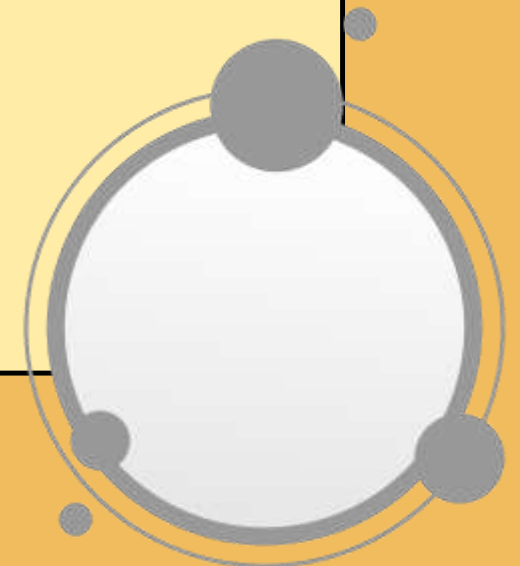


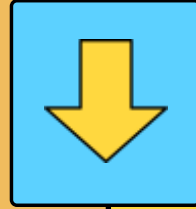
**LMS
Integration**



Conclusion

BrainBloom platform offers a comprehensive digital ecosystem for academic improvement, combining assessment, feedback, and diverse learning resources. By leveraging interactive and multimedia-based methodologies.





References

- Bognár, L., Fauszt, T. & Váraljai, M. (2021). The Impact of Online Quizzes on Student Success. International Journal of Emerging Technologies in Learning (iJET), 16(11), 225-244. Kassel, Germany: International Journal of Emerging Technology in Learning
- Becerra-Fernandez, I., & Rajiv Sabherwal. (2024). Knowledge management: systems and processes. Routledge, Taylor & Francis Group

Thank You

