

# **ONLINE QUIZ APPLICATION WITH DYNAMIC QUESTIONS AND TIMER**

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# ABSTRACT



The Online Quiz Application is an advanced web-based platform designed to offer a customizable and engaging quiz experience. It features two primary modes: topic-based quizzes and document-based quizzes, powered by OpenAI's GPT model.

**Topic-Based Mode:** Users select a subject (e.g., Science, History, Geography), and the app generates a set of dynamic quiz questions tailored to the chosen topic. OpenAI's GPT ensures the questions are relevant, engaging, and diverse.

**Document-Based Mode:** Users can upload documents (PDF, DOCX, etc.), and the app extracts key points from the text to generate quiz questions based on the document's content.

Additionally, the app includes user profiles, where each user can track progress, and access their scores at any time. This encourages ongoing engagement and provides valuable insights into learning progress.



# Existing System



- Currently, most online quiz applications are limited to static question banks, where users take quizzes from a predefined set of questions.
- These systems typically offer only one mode, such as multiple-choice questions, and lack personalization. While some platforms may allow users to upload documents, they often require manual formatting or don't generate dynamic, tailored questions based on document content.
- Additionally, tracking progress or scores over time is typically not integrated, limiting user engagement and learning insights. Most quiz platforms lack time-management features or adaptive learning that personalizes the quiz experience according to user progress.





# Proposed System

- The Online Quiz Application with Dynamic Questions and Timer improves on existing systems by offering two quiz modes
- Topic-Based and Document-Based. Users can either select a subject or upload documents (PDF, DOCX) to generate dynamic, AI-powered quiz questions using OpenAI's GPT.
- The system includes a login feature for tracking progress and scores, as well as a timer to help manage time. This combination of dynamic content, personalization, and tracking makes the system more engaging and effective.





***THANK YOU***