



EXAMPAL

ExamPal

YOUR LAST-MINUTE STUDY COMPANION

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Team Members

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Abstract

ExamPal is an application designed to help students prepare for exams more efficiently. Students can upload their syllabus, notes, or a topic, and the system will generate quizzes, summaries, and flashcards tailored to their needs. ExamPal is a quick revision/study tool for last-minute preparation. For backbencher(s) and topper(s) alike.

Objectives

- ❖ To assist students in efficient exam preparation.
- ❖ To automate the creation of quizzes, summaries, and flashcards from study material.
- ❖ To provide an easy-to-use revision platform.

Software and Tools Used

- ❖ Programming Languages: Python, C++
- ❖ Framework: Flask (for backend services)
- ❖ Libraries: OpenAI API, Flask
- ❖ Frontend: Basic HTML, CSS

System Design

Input: User uploads syllabus, notes, or topic.

Processing: System analyzes the content and generates quizzes, summaries, flashcards.

Output: User gets study materials automatically.

Working Principle

1. Upload syllabus or notes.
2. System parses the text and identifies important topics.
3. System uses AI/NLP models (like OpenAI API) to generate quizzes, summaries, flashcards.
4. Results are presented for student revision.

Conclusion

ExamPal provides students with an easy and fast way to revise and prepare for exams even if they start late. It can help improve retention, reduce stress, and ensure better exam performance.