

Blackboard

Your one stop edu assistant

BLACKBOARD IDEA/APPROACH DETAILS

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WITH INDIA

IDEA DETAILS

- Blackboard is an AI system that scans and enhances educational materials
- Finds relevant citations and references to course texts, papers, videos to substantiate points
- Generates summaries, mnemonics and practice questions to reinforce retention
- Cross-references information and examples across media formats (slides, notes, board images, etc.)
- Creates interconnected "smart" notes optimized for comprehension
- Builds a dynamic knowledge platform from otherwise static, siloed content
- Allows quickly asking in-the-moment doubts without typing or waiting
- Study Scheduler for a disturbance free study environment

TECH STACK

- Python
- Vite. Js
- React
- Tensorflow
- MLTU
- Keras
- Tailwind
- Typescript
- Postcss
- Cv2 / Ocr

BLACKBOARD SMART NOTES ORGANIZER

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Smart Notes

Oranginizer

- 01 Our optimized optical character recognition models can accurately extract text from handwritten or digital notes, Educative images, documents, and more, decoding even barely legible sources.
- 02 Our large language model analyzes extracted text in context, offering clarifications, citations, and links to supplementary reference materials for better understanding of the material provided to the user
- 03 We generate summaries, definitions, charts, relevant examples and multiple choice questions to strengthen mastery of key concepts extracted from materials.

Contextual Understanding

Enriched Resources

Assess Comprehension

Dynamic Knowledge Archiving

BLACKBOARD DOUBT SOLVER

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Doubt Solver

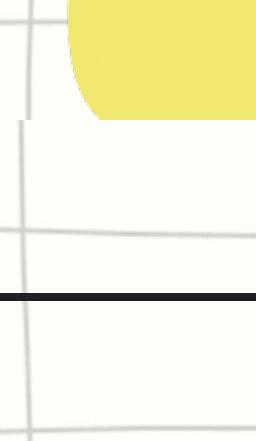
Voice-Powered Assistance

Ask complex questions out loud and receive personalized explanations and recommended study materials through instant voice-to-text transcription.



Contextual Guidance

Get clarification, citations, links, and additional reference notes to reinforce understanding of key concepts.



Targeted Practice

Strengthen comprehension on demand with auto-generated definitions, summaries, charts, and multiple choice questions tailored to your needs.

Future Aspects

- **Automated Scribe**
platform uses leading-edge OCR to analyze online classes, generating comprehensive smart notes to enhance understanding.

- **Better Books Integration**
Current platform gives selected books which sometimes may not be accurate to the current Topic

- **Collaborative Canvas**
Real-time collaboration with Peers on a real-time shared link and generating sense using the OCR