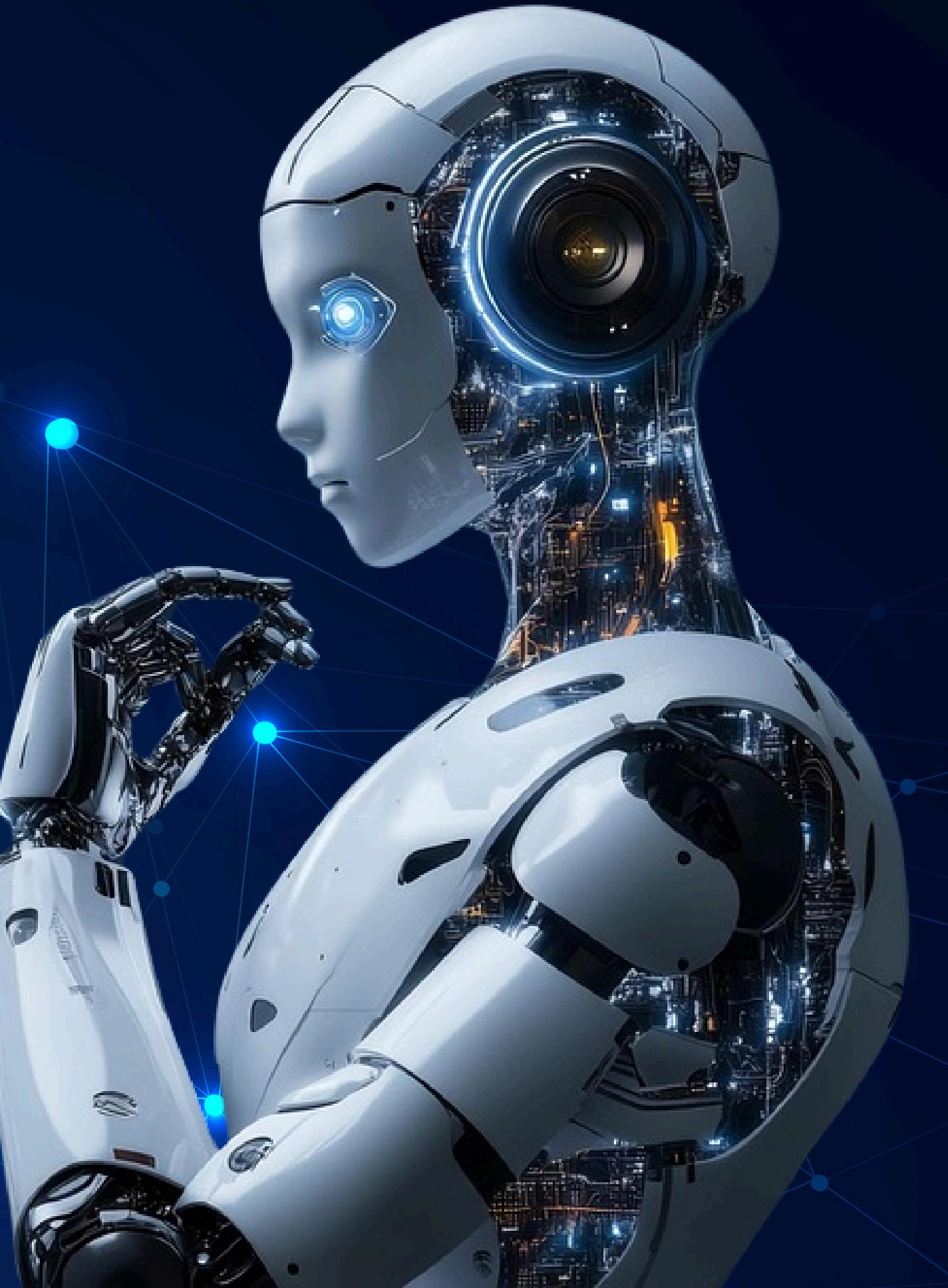




Inquisity – Fuel Your Curiosity, Master Every PDF

A modern RAG-powered web application that transforms how learners and professionals interact with study materials and documents.

<https://inquisity.vercel.app/>





Inquity

Our Team

A passionate group of innovators combining expertise in AI, software development, and education. Together, we aim to make learning smarter, faster, and more accessible for everyone.

Muhammad Hashir

Team Leader

Mirza Yasir Abdullah Baig

Backend Developer

Saalar Tariq

Frontend Developer

Sadia Usman

Data Scientist



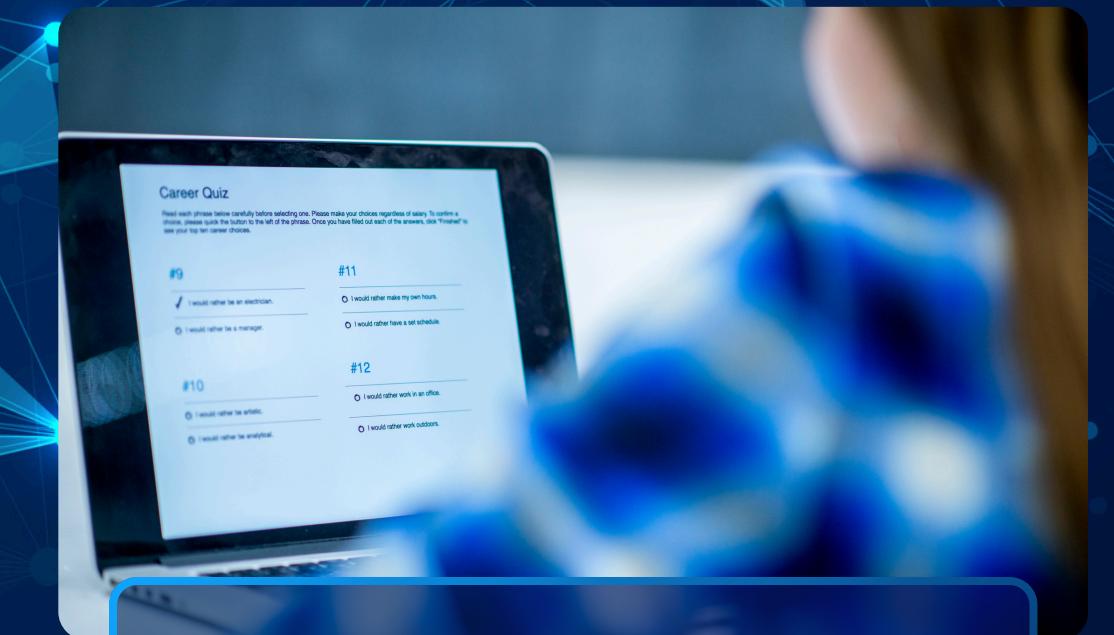
Inquisity

Key Features



PDF-Aware Q&A

Upload any PDF (lecture slides, notes, reports) → AI answers directly from your document.



Test & Prep Mode

Generate custom quizzes + model answers saved into your Prep Library.



Authentication & Roles:

Sign-Up / Log-In with Firebase Auth. Guest Mode for quick try-outs (no saved history)



Inquisity

Key Features



Persistent Storage

- PDFs & embeddings → Firebase Storage + VectorDB
- Chats & tests → Firestore



Dashboard & Library

Clean, responsive UI with PDF viewer + citation highlighting

Tech Stack & Workflow

- 01 Frontend: Next.js 14, Tailwind CSS, shadcn/ui, Framer Motion
- 02 AI Model: Gemini 2.0 Flash via @google/generative-ai SDK
- 03 Auth & Storage: Firebase Auth, Firestore, Firebase Storage, VectorDB (FAISS/Pinecone)
- 04 PDF Processing: pdf.js / pdf-parse
- 05 Deployment: Vercel / Replit





Inquiry



How It Work

You start by uploading a PDF, where the text is extracted and broken into smaller chunks for processing. These chunks are embedded and stored in a Vector Database, enabling quick and accurate retrieval.



Users upload a PDF, and the system extracts the text, splitting it into smaller, manageable chunks for efficient handling.



These chunks are converted into embeddings and stored in a Vector Database, enabling quick and precise retrieval during queries.



When a question is asked, the system retrieves the most relevant chunks and sends them to Gemini 2.0 Flash, which generates accurate, citation-backed answers with inline highlights.



Beyond Q&A, users can create quizzes and model answers from their documents, which are automatically saved into the Prep Library for later practice and review.



Inquiry

Use Cases & Closing

01

- Students
 - Quickly study lecture slides or textbooks with AI-powered Q&A and practice quizzes.

02

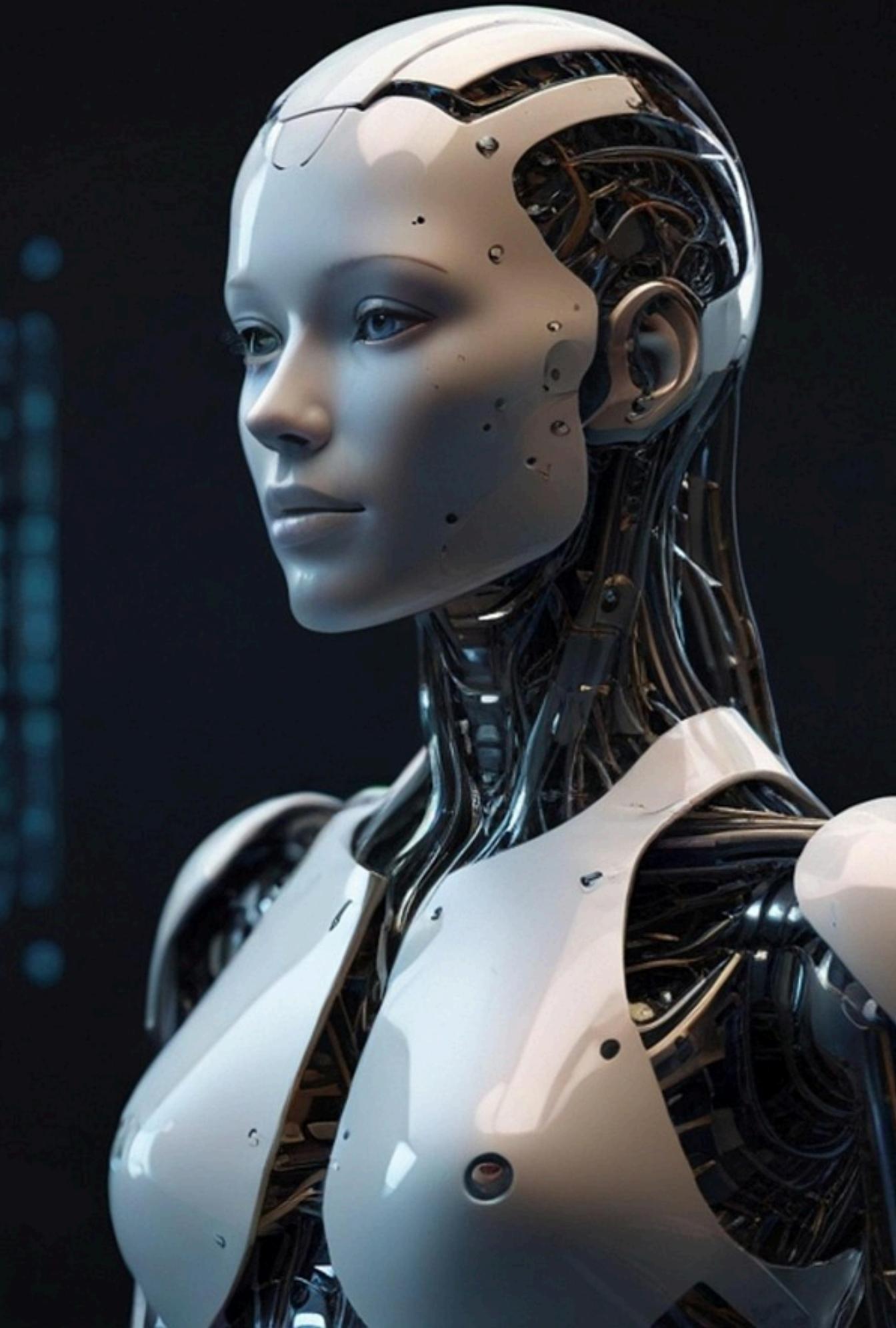
- Professionals
 - Review lengthy research papers or reports efficiently with summarized, citation-backed answers.

03

- Educators
 - Instantly generate quizzes and model answers from course material to save preparation time.

04

- Curious Learners
 - Get fast, focused insights from any PDF without reading through hundreds of pages.



Thank You

Boost your results with AI.

Thank you for your time and attention.

We're excited to share Inquisity with you — let's fuel
curiosity together



<https://inquisity.vercel.app/>

