AI Flavoured

Revolutionizing Document Comprehension & Learning

Introduction

- 1. ➤ Uses AI for concise document summaries
- 2. ➤ Interactive interface for engagement
- 3. > Supports multiple languages & personalized learning
- 4. ➤ Integrated audio for seamless access

Problems Solved by AI Flavoured

Addressing Key Challenges

Challenges in Learning

- 1. Information overload impedes learning.
- 2. Documents are hard to grasp, hindering understanding.
- 3. Traditional methods are time-consuming.

- 1. Language Barrier: Limits collaboration knowledge exchange.
- 2. Inflexible Learning: One-size-fits-all approach hampers learning.

Empowerment Through AI

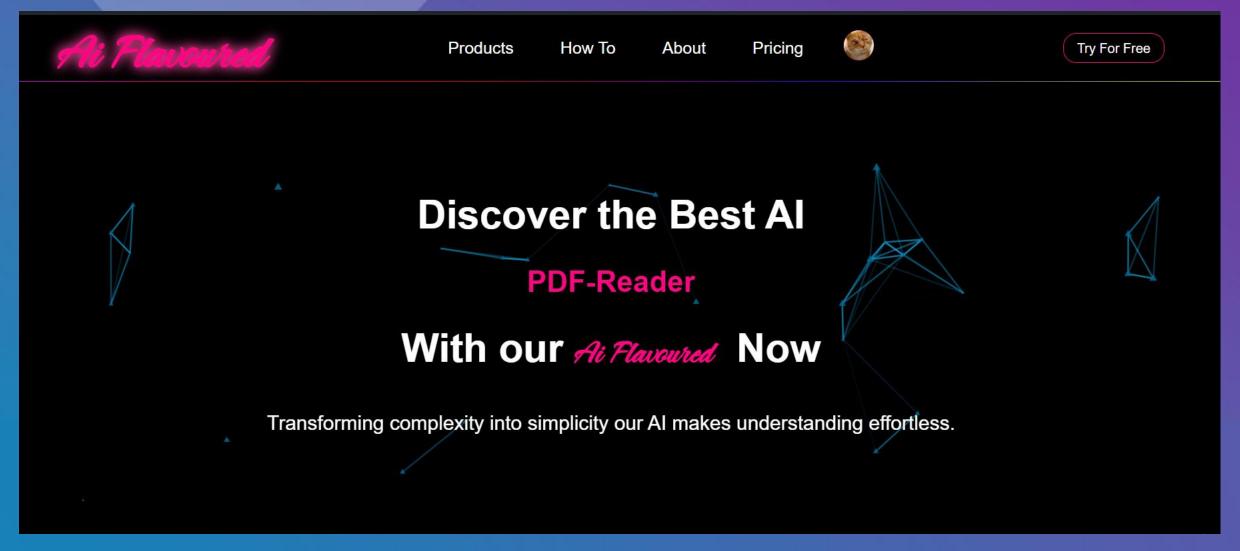
Overcoming Overload

- 1. Condenses lengthy documents.
- 2. Real-time dialogue with AI assistant.
- 3. Breaks linguistic barriers.
- 4. Customizable learning options.
- 5. Converts summaries to audio format.

Enhancing Efficiency

- 1. Facilitates dynamic multimedia presentations.
- 2. Supports diverse learning styles.
- 3. Empowers users globally.
- 4. Ensures seamless access.
- 5. Boosts active learning.

Home Page of the Web Software

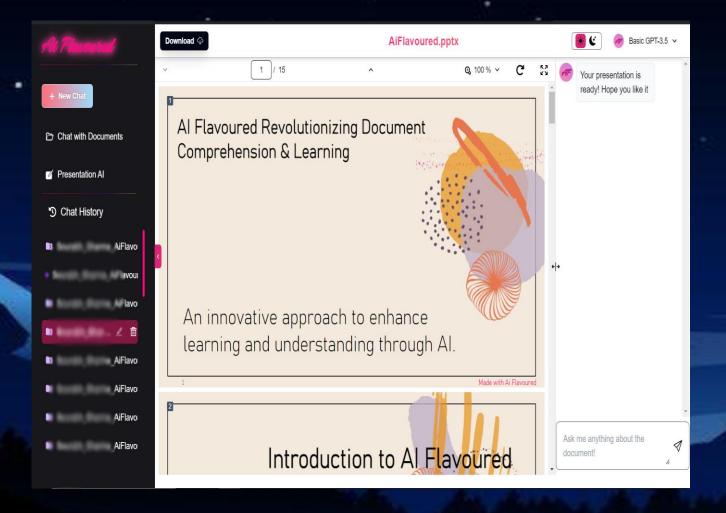


- 1. First, log in to use the features.
- 2. After logging in, click on the products page.
- 3. Upload any PDF or document.
- 4. You will be redirected to a new chat page.

Using the Software

User Interface Walkthrough

Chat Interface



Sidebar panel: All previous chat history.

Middle section: Interact with your docum

Last panel: Communication with AI & Do

Methodology Followed

- 1. Development Approach Methodology: Agile (Scrum)
- 2. Planning: Define objectives, scope, and team roles.
- 3. Design: Conceptualize UI/UX, gather feedback.
- 4. Development: Break backlog into tasks, iterate.
- 5. Implementation: Develop core features, test iteratively.
- 6. Testing: Ensure functionality, address issues.
- 7. Deployment: Set up, document, launch platform.
- 8. Maintenance: Monitor, update, enhance based on feedback.

Developers of Ai Flavoured



Yori Tron (Lead Developer)



Angel Alita (UI/UX Designer)



Atom Real Steal (Project Manager)

Backend Tools Used

- 1. PostgreSQL: Reliable, scalable open-source relational database system.
- 2. Advanced features like ACID compliance and JSONB support.

- 1. Prisma ORM: Intuitive query builder for type-safe database access.
- 2. Simplifies CRUD operations, boosting developer productivity.
- 3. Raw SQL Commands with Pool Connection: Adds flexibility and control to database interactions.
- 4. Allows execution of custom queries or optimizations.

Front End Technology

- 1. React.js: Powers frontend with reusable UI components, enhancing development efficiency.
- 2. Next.js: Enables server-side rendering and static site generation for improved performance and SEO.
- 3. TailwindCSS: Facilitates rapid UI development with utility-first approach, ensuring consistency.

Development Process



Adheres to best practice CI/CD, and rigorous testing for quantassurance.

Delivers sleek, responsive UI integrating seamlessly with backend AI capabilities, enhancing user engagement.

Future Scope of the Project

- 1. Advanced Summarization Techniques: Explore improved algorithms for accuracy and coherence.
- 2. Expanded Interactive Communication: Implement voice-based interactions and natural language generation.
- 3. Personalized Learning: Develop adaptive systems and recommendation engines.
- 4. Collaborative and Social Features: Incorporate sharing and social components for enhanced engagement.
- 5. Learning Analytics: Implement tools for progress tracking and personalized feedback.

Thank You

For Your Attention