AI Flavoured: Revolutionizing Document Comprehension & Learning

Uses AI for concise document summaries. Interactive interface for engagement. Supports multiple languages & personalized learning. Integrated audio for seamless access.

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Problems Solved by AI Flavoured

1. Challenge: Information overload impedes learning.

2. Complexity: Documents are hard to grasp, hindering understanding.

3. Inefficiency: Traditional methods are time-consuming.

4. Language Barrier: Limits collaboration and knowledge exchange.

5. Inflexible Learning: One-size-fits-all approach hampers learning.

Empowerment through AI Flavoured

Overcoming overload, language barriers, and enhancing learning efficiency.

1. Empowerment through concise summaries.

2. Enhanced understanding with interactive interface.

3. Global access with multilingual support.

4. Personalized learning options.
5. On-the-go access with audio integration.

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Features of the Project

1. Efficient Summarization: Condenses lengthy documents into concise summaries using advanced natural language processing.

2. Interactive Communication: Real-time dialogue with AI assistant fosters deeper understanding and active learning.

3. Multilingual Support: Breaks linguistic barriers, empowering users globally to access information effectively.

4. Personalized Learning: Versatile platform caters to diverse learning styles with customizable options.

5. Audio Integration: Converts summaries to audio format for on-the-go access and facilitates dynamic multimedia presentations.

Home Page of the Web Software

First, we have to be logged in to use the feature of the software. After logging in, click on the products page. Upload any PDF or Document here. After upload, you will be redirected to a new chat page.

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Methodology Followed in Project Development

1. Agile (Scrum)

2. Planning: Define objectives, scope, and team roles.

3. Design: Conceptualize UI/UX, gather feedback.

4. Development: Break backlog into tasks, iterate.

1. Implementation: Develop core features, test iterative

2. Testing: Ensure functionality, address issues.

3. Deployment: Set up, document, launch platform.

4. Maintenance: Monitor, update, enhance based on feedback.

Resource Requirement for Development

1. Hardware: Powerful laptops/desktops, networking gear, and cloud resources.

2. Software: Linux OS, JavaScript/TypeScript, React.js, PostgreSQL, Git, AI/ML tools, AWS & Vercel.

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Backend Tools Used in Development

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

2. Prisma ORM: Intuitive query builder for type-safe database access. Simplifies CRUD operations, boosting developer productivity.

Front End Technology Used in Development

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.

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Development Process

Adheres to best practices like version control, CI/CD, and rigorous testing for quality assurance. Benefits: Delivers sleek, responsive UI integrating seamlessly with backend AI capabilities, enhancing user engagement.
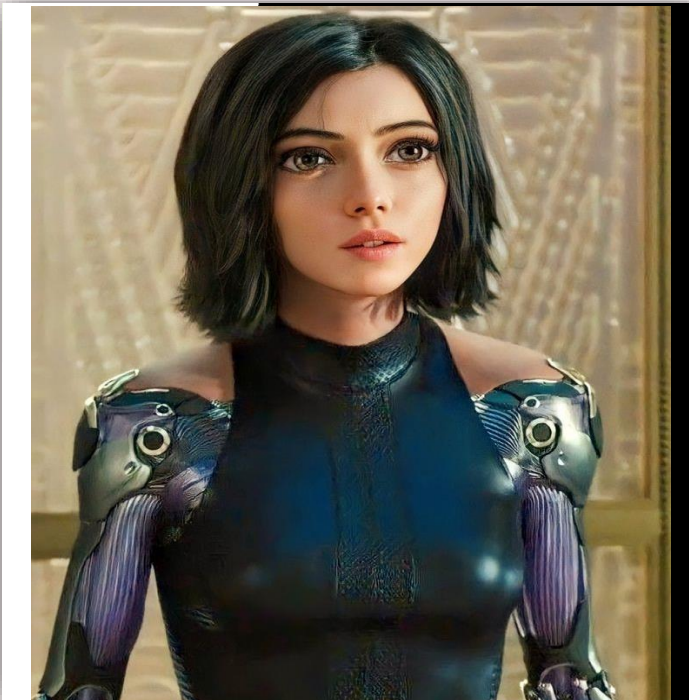
Future Scope of the Project

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.
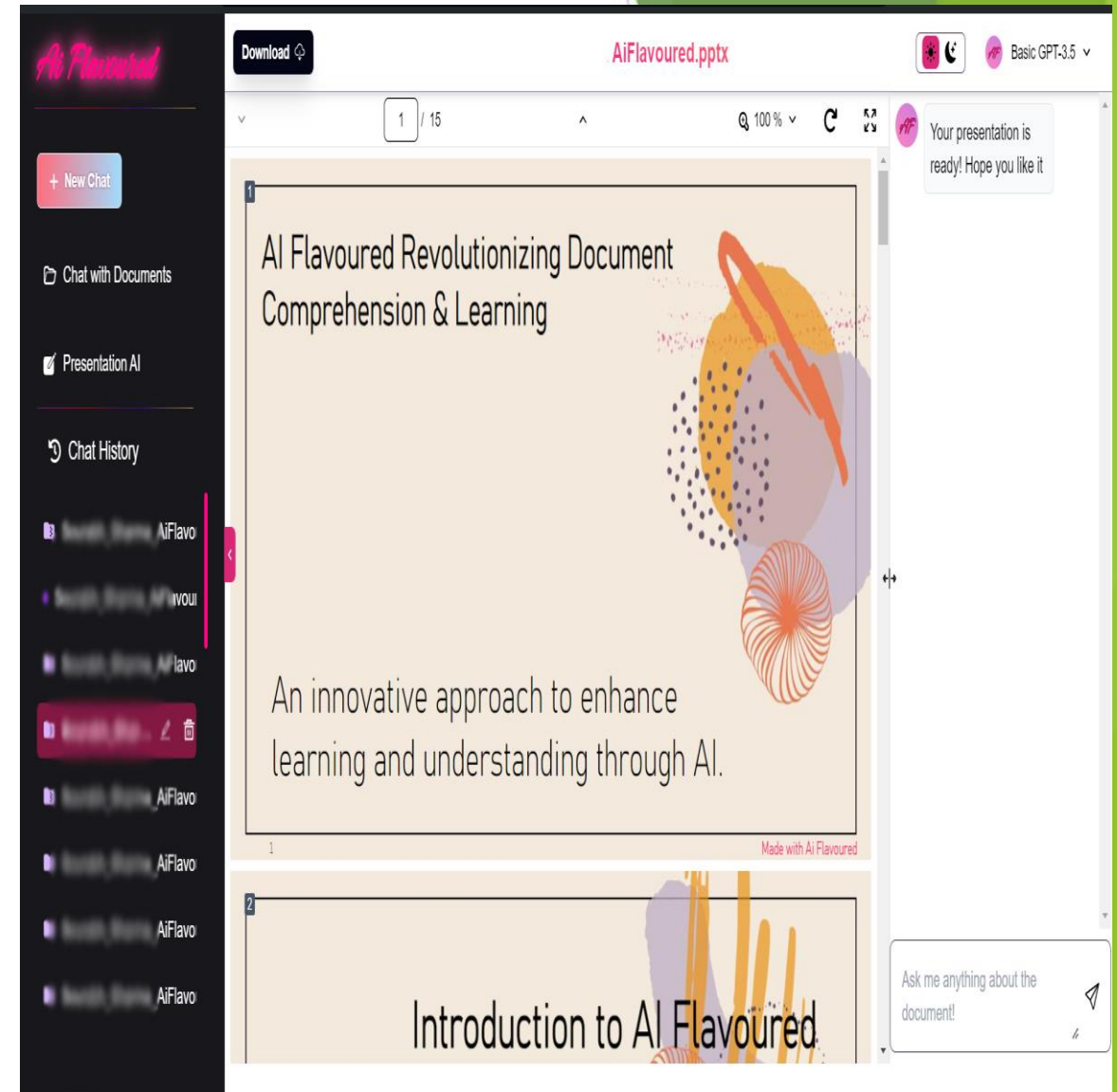
Development Team

Yori Tron

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Atom Real Steal

AI Flavoured Software Interface

Interactive chat interface with AI assistant for document comprehension.

AI Flavoured Web Software

Empowering users with advanced AI capabilities for enhanced learning experiences.

The web software offers efficient summarization, interactive communication, multilingual support, personalized learning, and audio integration.

Thank You

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