

- Uses AI for Concise Document Summaries
- Interactive Interface for Engagement
- Supports Multiple Languages & Personalized Learning
- Integrated Audio for Seamless Access

AI Flavoured Revolutionizing Document Comprehension & Learning

Challenges Addressed by AI Flavoured

1. 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

AI Flavoured helps in overcoming information overload, language barriers, and enhances learning efficiency.

Features of AI Flavoured

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.



Fbroceh Punk Art Movie Poster Blade Runner 2049

K, an officer with the Los Angeles Police Department, unearths a secret that could create chaos. He goes in search of a former blade runner who has been missing for over three decades

Chat Interface Features

1. On the sidebar panel, we will have all your previous chat history.
 2. Chat histories' names can be modified.
 3. Chat histories can be deleted (No recovery once deleted).
1. In the middle section, we can interact with your document.
 2. These panels are resizable.
 3. Finally, in the last panel, we will have communication with AI & Doc.

Now you are
ready to ask
anything to the AI
about the
Document.

Methodology Followed in Project Development

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

Resource Requirement

For End User: Hardware:
Computer with 4GB RAM.
Software: Web browser
(Chrome, Safari, Edge), stable
Internet connection.

1. For Development:
2. Hardware: Powerful laptops/desktops, networking gear, and cloud resources.
3. Software: Linux OS, JavaScript/TypeScript, React.js, PostgreSQL, Git, AI/ML tools, AWS & Vercel.

Backend Tools Used in Development

PostgreSQL

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

Prisma ORM

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

Raw SQL Commands with Pool Connection

1. Adds flexibility and control to database interactions.
2. Allows execution of custom queries or optimizations.

The logo for Next.js 14 is displayed on a dark background with a light gray grid. The word "NEXT" is in a large, bold, white sans-serif font, followed by ".js" in a smaller font. To the right of ".js" is a white rounded rectangle containing the number "14" in a large, bold, white sans-serif font.

NEXT.js 14

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.
3. TailwindCSS: Facilitates rapid UI development with utility-first approach, ensuring consistency.

Development Process

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

Future Scope of the Project

Advanced Summarization Techniques: Explore improved algorithms for accuracy and coherence.

Expanded Interactive Communication: Implement voice-based interactions and natural language generation.



Thank You



Tron



Alita Angel



Atom Real Steel