

Abstract geometric lines in the top-left corner of the slide, consisting of several overlapping white lines forming a complex, star-like pattern.

# **AI Flavoured Revolutionizing Document Comprehension & Learning**

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

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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.

# Empowerment Through AI

1. Overcoming overload, language barriers, and enhancing learning efficiency.
2. Empowerment: Overcoming overload, language barriers, and enhancing learning efficiency.
3. Inflexible Learning: One-size-fits-all approach hampers learning.

# Features of the Project



# Efficient Summarization & Interactive Communication

1. Condenses lengthy documents into concise summaries using advanced natural language processing.
2. Real-time dialogue with AI assistant fosters deeper understanding and active learning.

1. Multilingual Support: Breaks linguistic barriers, empowering users globally to access information effectively.
2. Personalized Learning: Versatile platform caters to diverse learning styles with customizable options.
3. Audio Integration: Converts summaries to audio format for on-the-go access and facilitates dynamic multimedia presentations.



Discover the Best AI

Doc Manager

With our *Ai Flavoured* Now

Transforming complexity into simplicity our AI makes understanding

# Home Page of the Web Software

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

# Chat Interface Features

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## Sidebar Panel

1. On the sidebar panel, we will have your entire previous chat history.
2. Chat Histories name can be modified.
3. Chat histories can be deleted (No recovery once deleted).

## Middle Section & Last Panel

1. In the Middle section, we can interact with your document.
2. These panels are resizable.
3. Finally, on the Last panel, we will have communication with AI & Doc.



# **Methodology Followed in Project Development**





# Development Approach Methodology: Agile (Scrum)

**Agile methodology ensures iterative progress and continuous feedback.**

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

## 1. For Development:

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

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

## 4. For End User:

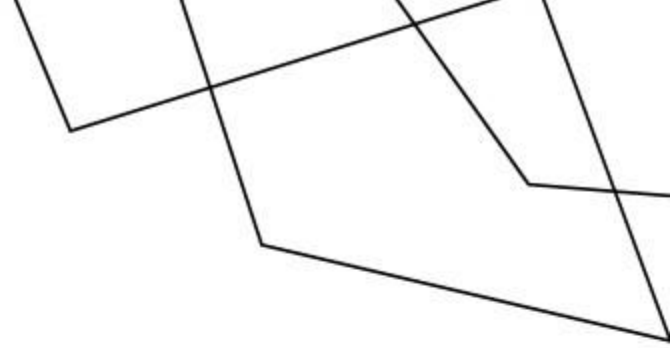
5. Hardware: Computer with 4GB RAM.

Software: Web browser (Chrome, Safari, Edge), stable Internet connection.

# Backend Tools Used in Development

1. PostgreSQL: Reliable, scalable open-source relational database system with advanced features like ACID compliance and JSONB support.
2. Prisma ORM: Intuitive query builder for type-safe database access, simplifying CRUD operations and boosting developer productivity.
3. Raw SQL Commands with Pool Connection: Adds flexibility and control to database interactions, allowing execution of custom queries or optimizations.

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

# Development Team



Yori Tron  
(Lead Developer)



Angel Alita  
(UI/UX Designer)

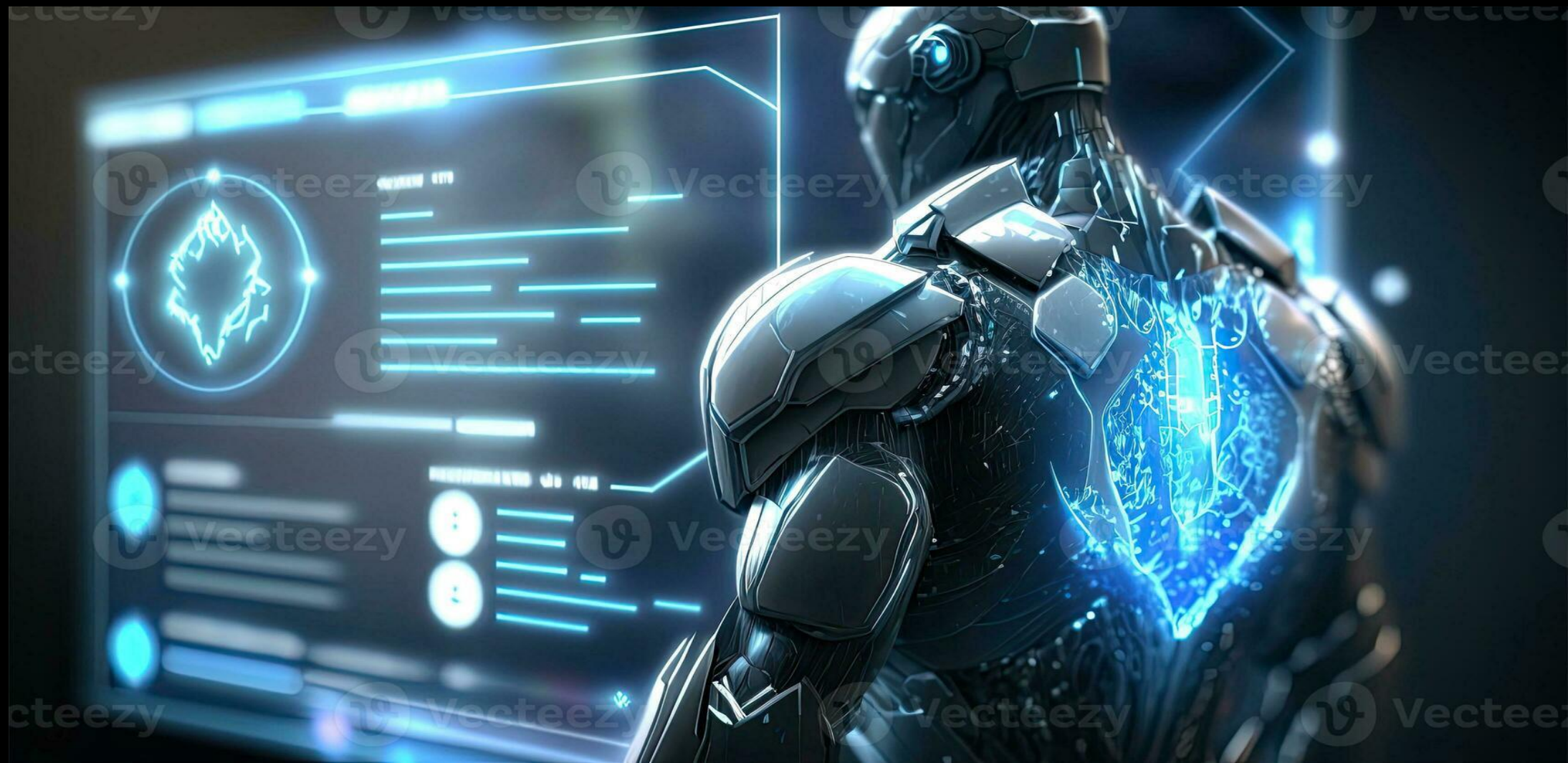


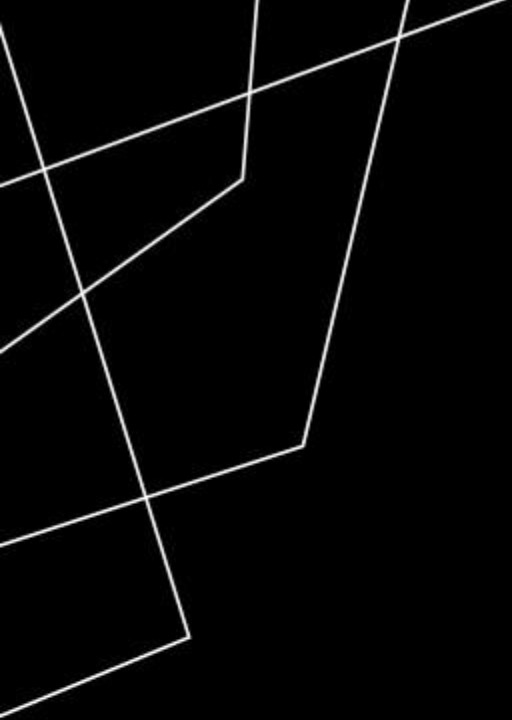
Atom Real Steal  
(Project Manager)

# 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