

REQUIREMENT STUDY

a. What types of content do you create or consume on IdeaWeave?

IdeaWeave caters to diverse content creation, including articles, blogs, and multimedia. Readers consume personalized content through dynamic recommendations.

b. Are there specific features or functionalities you would like to see added to IdeaWeave? Enhanced collaboration tools, real-time editing, and improved mobile interface would be valuable additions to elevate IdeaWeave's content creation experience.

c. Provide more information about your target user base? Are there any specific demographics or regions you are primarily focusing on?

IdeaWeave targets a global audience, emphasizing content creators, administrators, and readers across diverse demographics, fostering an inclusive digital community.

d. Are there any unique features or functionalities you envision that will set IdeaWeave apart from other content management systems?

To set IdeaWeave apart from other agricultural commerce platforms, we envision unique features such as:

- AI-driven content suggestions for writers.
- Collaborative real-time editing.
- Enhanced reader interaction with content.
- Dynamic content categorization for seamless organization

e. How do you plan to ensure the security of user data and financial transactions on the platform?

To ensure the security of user data and financial transactions, IdeaWeave will implement:

- Robust encryption protocols.
- Regular security audits.
- Compliance with industry best practices.

f. Are there any specific technologies or integrations you require for the advanced

content creation and formatting tools on IdeaWeave?

IdeaWeave requires seamless integration with advanced text and image processing technologies for sophisticated content creation and formatting tools.

g. How do you plan to gather and maintain information on user preferences for the recommendation algorithm?

IdeaWeave plans to gather user preferences through feedback, interaction data, and personalized settings, ensuring continuous adaptation for the recommendation algorithm.

h. What specific functionalities should the admin dashboard include?

The admin dashboard in the IdeaWeave platform should provide comprehensive tools and functionalities to enable administrators to effectively manage user accounts, oversee platform operations, and ensure a smooth and secure experience for all users. It should include

- Robust user management tools
- Content monitoring features for platform integrity
- Streamlined communication channels
- Customization options for tailored user experience

i. Are there any legal or regulatory requirements that the platform must adhere to, especially in the agricultural sector?

Yes, IdeaWeave must adhere to legal and regulatory requirements in the content management sector. Key considerations may include:

- Data Privacy and Protection
- Intellectual Property Regulations
- Compliance with Digital Accessibility Standards
- User Agreement and Terms of Service Compliance
- Content Copyright and Licensing Regulations

3.1 SYSTEM SPECIFICATION

3.1.1 HARDWARE SPECIFICATION

Device Processor - Intel i3 or more

- Device RAM - 4 GB or more
- Device Storage - 8 GB or more

3.1.2 SOFTWARE SPECIFICATION

- Front End - React.js, Next.js
- Back End - Node.js, Express.js
- Database - MongoDB
- Technologies used - MERN stack, Next.js, Ant Design