

Project Proposal: Cloud Based Data Storage System Development

Overview:

We propose the development of a robust and scalable file and data storage system. This solution aims to provide a centralized, user-friendly, and secure environment for managing and storing various types of files and data within the cloud.

Objectives:

- **Document Management Module:**
 - Implement a customized Document Management module within the cloud to facilitate the organized storage of files.
 - Allow users to upload, download, and manage files with version control.
- **Attachments Enhancement:**
 - Enhance the Attachments functionality to provide a more intuitive and feature-rich interface for attaching files to specific records.
- **Version Control:**
 - Implement version control for uploaded files to track changes over time and facilitate document history retrieval.
- **Access Control and Permissions:**
 - Define and implement a robust access control system to manage user permissions for viewing, editing, and deleting files based on roles and responsibilities.
- **Document Categorization:**
 - Integrate a categorization feature to help users organize files based on projects, departments, or any other relevant criteria.
- **Advanced Search and Filtering:**
 - Implement advanced search and filtering options to enable users to quickly locate specific files within the system.
- **Security Measures:**
 - Enhance the security of the file and data storage system with encryption and secure protocols to protect sensitive information.
- **Integration with Other Modules:**
 - Ensure seamless integration with other modules, such as publications, and projects, to allow for easy file management within different contexts.
- **User-Friendly Interface:**
 - Develop an intuitive and user-friendly interface for easy navigation and efficient file management.
- **Scalability and Performance:**
 - Design the system architecture to ensure scalability, accommodating growth in both data volume and user base.
 - Optimize performance to provide a responsive experience even with large datasets.

Budget:

The estimated budget for the project is Kshs. 70,000, which includes development, testing, and deployment.

Benefits:

- Streamlined document management within the cloud environment.
- Improved collaboration through version control and access permissions.
- Enhanced efficiency with advanced search and categorization features.
- Seamless integration with other cloud modules for a holistic ERP experience.

Conclusion:

By implementing this cloud File and Data Storage System, we aim to provide your organization with a powerful and comprehensive solution for managing documents and data efficiently. This system will contribute to improved productivity, collaboration, and data security within your organization.

Price breakdown:

Item	@	Amount
Development	20,0000	20,000
Deployment <ul style="list-style-type: none">- 90 GB disk space / per year- SSL certificate- Unlimited Databases- Unlimited email accounts	50,000	50,000
Total (KSH.)		70,000