

Requirement Analysis

Topic: - File Management System

• Group Members

1. Aditya Pratap Singh Chauhan (211154)
2. Sushen Singh Rana (211135)
3. Aditya Mittal (211146)

• Requirements

1. User management: Ability to create, edit and delete user accounts, set user privileges and manage user access.
2. File and folder management: Ability to create, edit, delete, copy, move and search files and folders, set file permissions and manage file versions.
3. Storage management: Ability to manage and allocate storage space, track usage, monitor storage utilization and display storage statistics.
4. Backup and recovery: Ability to schedule regular backups, restore files and folders, and ensure data integrity and security.
5. Security: Implement robust security measures such as password protection, encryption, and access control to protect sensitive data and prevent unauthorized access.
6. File sharing: Ability to share files and folders with specific users, set sharing permissions and manage shared files.
7. User interface: A user-friendly interface that is intuitive and easy to use, with support for different operating systems and devices.
8. Integration: Integration with other software and systems such as document management systems, email systems and cloud storage solutions.
9. Scalability: The ability to scale the system to accommodate growing storage and user needs.
10. Performance: The system should have high performance and response time, even when handling large files and a large number of concurrent users.
11. Customization: The ability to customize the system to meet specific user or organizational needs, such as customizing the user interface, adding custom file types or adding custom workflow processes.

• Top Requirements

1. File sharing: The ability to share files and folders with specific users and manage shared files is an easy priority as it will help users collaborate more effectively on projects and files.
2. File and folder management: The ability to effectively manage and organize files and folders is essential. This includes creating, editing, deleting, copying, moving and searching files and folders, and setting file permissions.
3. User management: Ability to create, edit and delete user accounts, set user privileges and manage user access.
4. Storage management: Ability to manage and allocate storage space, track usage, monitor storage utilization and display storage statistics.

• Team member roles

1. Aditya Pratap Singh Chauhan = File And folder management, Storage management:
2. Aditya Mittal = User management, Storage management
3. Sushen Singh Rana = File sharing, Storage management