

Activity

Distributed Systems Term Project

Content:

Developed a distributed file management system using Java and IntelliJ, incorporating the external library CM. Implemented various functionalities including automatic and manual file update detection, conflict checking using logical clocks, file transmission to the server, and file deletion synchronization. Designed and implemented client and server applications with capabilities such as login, logout, changing file paths, requesting files, and pushing single or multiple files to the server.

Results:

Gained proficiency in Java and IntelliJ, and experience with external libraries. Developed skills in implementing distributed system functionalities, handling file synchronization, and managing client-server interactions. Improved ability to design and implement comprehensive software solutions from both client and server perspectives.

Overall:

Successfully developed and implemented a distributed file management system, demonstrating strong technical skills in software development, problem-solving, and system design. Enhanced understanding of distributed systems and file synchronization mechanisms. test fix data.....
