Testing Results:

1. **Functionality Implementation**: Testing confirmed that the essential functionalities for file uploading and downloading were implemented correctly according to the project requirements.
2. **File Upload and Download**: Users are able to successfully upload files to the system and download available files to their local machines. These core features are operational and meet the initial project objectives.
3. **Frontend and Database Integration**: Currently, the integration between the frontend interface and the database has not been completed. As a result, file upload and download operations are limited to being executed on the same machine. This is a critical area that requires further development for full system functionality.
4. **Security Checks**: Tests running uploaded files through a virus scan have not detected any issues, indicating a basic level of security for file handling. However, the system lacks file encryption capabilities. Implementing dedicated file encryption is necessary to enhance security, particularly for sensitive data handling.