Document LLD
Aster Lee
April 1, 2023
Anh Huynh
April 16, 2023

Major Positives and Negatives

Positives:
- Design is comprehensive and accounts for all end cases of the document feature

Negatives
- MSSQL has no support for document (file) storage; implementation will fail miserably therefore the rest of the design is pointless.
- Some parameters for methods are duplicated.
- Payloads should be in HTTP, not HTML.
- Table columns have ambiguous variables (ie. shared, signed)

Unmet Requirements

Design has met all supposed requirements.

Design Recommendations

- Consider using StreamWriter, a file writing library to write data into files and stored within the system's directories.
- Consider Amazon AWS S3–cloud based file storage

Test Recommendations

- Use .NET's file reader to filter files within the directories.
- Hard to discern testing recommendations on a faulty implementation.
- Test should assert if uploading documents are uploading and exist.
- Test should assert if deleted documents are removed from directories.
- Test should assert if queried documents are valid.