1 INTRODUCTION:

* 1. PURPOSE:

The purpose of this document is to build a system where employees can upload there project related files and share with their team members.

* 1. INTENDED AUDIENCE:

This project is a prototype for any file uploading system and it is restricted within the office premises. This has been implemented under the guidance of office employees. This project is useful for employees.

* 1. PROJECT SCOPE:

The purpose of the file uploading system is to ease the file sharing among the employees and to create a convenient and easy to use application for the organization. This software is implemented to secure sensitive resources of the organization and avoid security breaches. The System allows trustworthy communication between the different principals. These principals must be authenticated and the access to the resources (files) should be secured and regulated.

1. OVERALL DESCRIPTION:
   1. PRODUCT PERSPECTIVE:

The system is intended to operate in a distributed environment: client machines, application server, database server. Software is accessed via secure connections we intend to provide in this work. The system’s user can be either a normal user or an administrator. A normal user has the ability to upload, download, delete and view files. An administrator is able to: Upload, download, delete and view files; add, delete and modify users.

* 1. Entities:

1. Users
2. Projects\_Details
3. Documents
4. Activity
   1. Login\_Logout
   2. Admin\_Activitiy
   3. Document\_Activity
5. Project\_Members
   1. PRODUCT FUNCTIONS:

The Application will implement the following functionalities:

* Registration of account
* Login
* Upload, Update, Delete
* Create Groups for project work
* Security for every group

• Server authentication: This use case allows the user to authenticate the web server is connecting to.

• Client authentication: This is use case allow the server to authenticate the user he is trying to connect to.

• Secure communication: Between users over the network.

• Files handling: Such as downloading, uploading, and deletion files.

• Users management: Administrator has the ability to add and delete users.

1. SPECIFIC REQUIREMENTS

* Microsoft Visual Studio 2022
* SQL Server Management Studio