



## Week 5: Project Document – 01-Project Description with UCD and Class Diagram

2022

### Mini Project Report

on

### “Secure File System”

Submitted by

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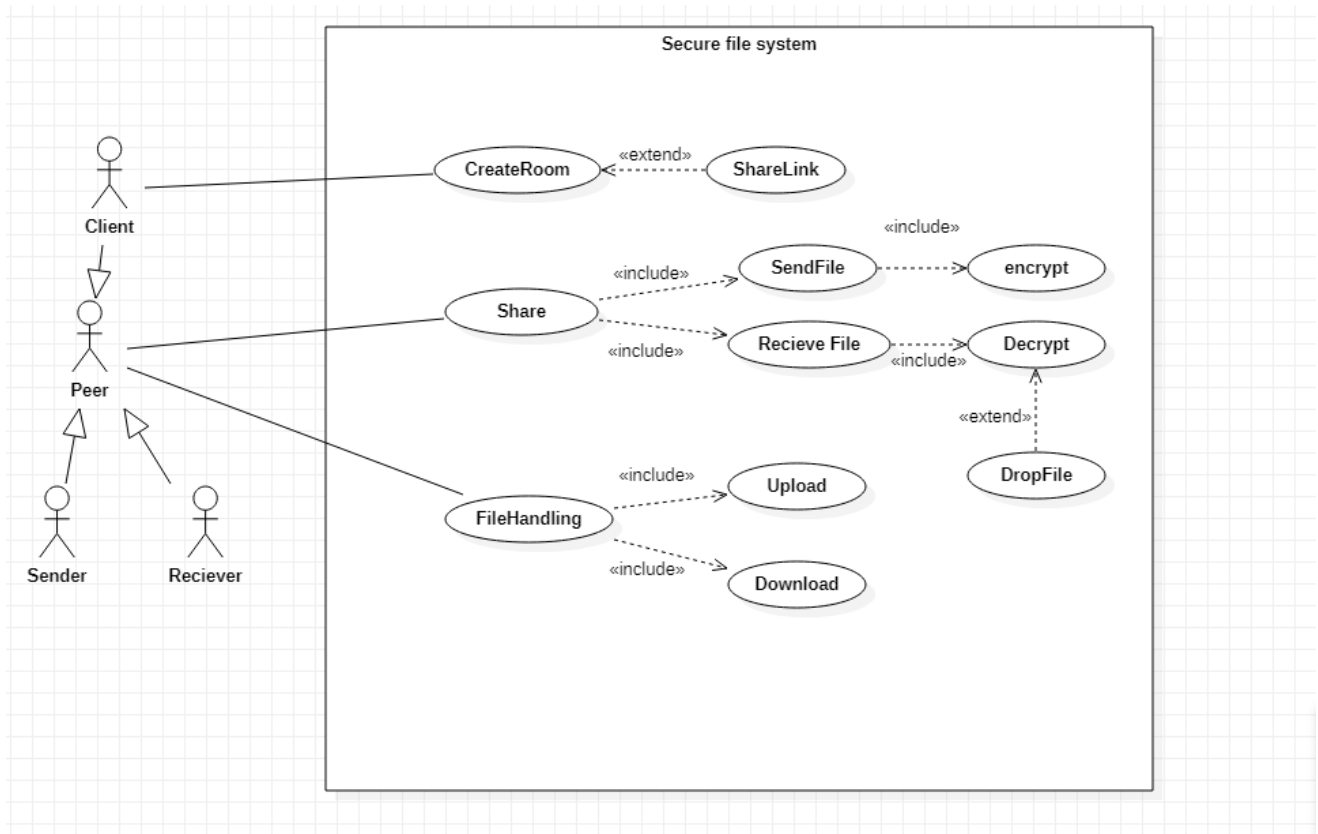
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#### 1: Brief Description of the project

- The aim of the project is to build an end to end secure file sharing system which mimics the P2P architecture.
- Files are shared via a room which is created by the client who wants to send and receive files.
- The invite link of the sharing platform which in this case is a room is sent to the peers who want to access and download files.
- We aim to encrypt the files being sent with suitable encryption algorithms.
- The encrypted files are decrypted on the receiver end, validated and downloaded.

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### 2: Use Case diagram:



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### 3: Class Diagram:

