**TITLE OF THE CAPSTONE PROJECT:** WeConnect: A proposed Secure File-sharing system for Elementary schools in Macalelon, Quezon

**NAME OF THE PROPOSED SYSTEM:** WeConnect

* WHAT ARE THE FILES THAT ARE NEED TO SUBMIT?

WEEKLY

* Individual daily log and accomplishment report (IDLAR)
* Weekly assessment
* Weekly home learning plan
* Idea lesson exemplar

MONTHLY

* Form 148 of the Daily Time record (DTR)

QUARTERLY

* Students’ grades
* Number of enrollment and number of drop out
* WHAT TYPE OF DOCUMENTS ARE NEEDED?
* Word documents
* Excel files
* PDF’s
* WHO ARE THE USERS?

The school employees and some of the DEPED division office staff:

* Teachers
* Grade Chairman
* Principal
* District supervisor
* HOW THE PRESENTED NEEDED DOCUMENTS/FILES TRAVEL?

1. Teachers – the one who created the files.
2. Grade Chairman – the one who will approve the files came from the teacher and will forward to the Principal.
3. Principal – the one who will check and collect the files forwarded by the Grade Chairman and the one who transfers the documents to the Division office.
4. District supervisor – the one who receive files.

FOR THE SECURITY OF THE SYSTEM:

* WHAT FILE-TRANSFERRING PROTOCOLS ARE NEEDED TO USE?
* FTPS – File transfer protocol secure
* SFTP – SSH file transfer protocol
* HASHING ALGORITHM
* SHA1
* ROLE-BASED SECURITY

1. Teachers

* Has a user account
* **Can send/receive files to other employees [download]**
* Can upload files
* Can view the uploaded files
* Can edit the uploaded files
* Can delete the uploaded files
* The ones who will be notify if there’s an upcoming due date for a specific file that needs to be uploaded.

1. Grade Chairman

* Has a user account
* **Can send/receive files to other employees [download]**
* Can view the files uploaded by the teachers
* Can edit the files uploaded by the teachers
* Can comment on the files uploaded by the teachers
* Can forward the files to the Principal

1. Principal

* Has a user account
* **Can send/receive files to other employees [download]**
* Can view the files forwarded by the Grade Chairman
* Can edit the files uploaded by the Grade Chairman
* Can comment on the files uploaded by the Grade Chairman
* Can forward the files to the District supervisor

1. District supervisor

* Has a user account
* Can view the files forwarded by the Principal
* Can download the files forwarded by the Principal
* Can comment on the files uploaded by the Principal