**IMPLEMENTATION:**

This Project has following Modules:

1. Sender
2. Receiver

**Register & Login:**

Data owner has to register by giving all the details. Then Login with correct username and password. If both match, then the owner will be considered as a valid person otherwise invalid person. After login, Owner can able to upload files. Before uploading the files into the cloud, owner has to encrypt the file for security purpose.

**Sender:**

Here user can send message to other user. For security purpose, the secret message should be encrypted and stored in QR Code. By using the Division Algorithm, the secret message is spitted into several parts. By using QR code Scanner we can able to see the Encrypted message. The Spitted message is encrypted and stored in the QR Code with secret key. Select the person to whom the user wants to send the message.

**Receiver:**

Receiver Login with username and password. User can see the received Secret message in QR Code. The message are spitted and received so user needs to Merge all the QR code images. All the spitted parts are merged and the secret message is hidden in the QR code. All the shares are Merged Together and form New QR Code. Then File key is sent users mail id by using the file key only receiver can view the QR code. To get the original message, Receiver needs to scan the QR code. After Scanning, user gets the original message in Mobile device. By using the mobile device cam QR Scanner, Receiver can able to see the original message.