

# PROJECT MEETING MINUTES

**DATE:** Friday, July 30, 2017  
**TIME:** 12:30 pm  
**LOCATION:** SIM HQ BLK A

**MEETING / PROJECT NAME:** Meeting 3  
**MINUTES PREPARED BY:** Abhi Jay Krishnan

## 1. MEETING OBJECTIVE

Changing in Architecture to Client Cloud Architecture

## 2. ATTENDEES PRESENT

| NAME              | Student ID | EMAIL                      | PHONE    |
|-------------------|------------|----------------------------|----------|
| Abhi Jay Krishnan | 5025448    | abhijay.krishnan@gmail.com | 81638021 |
| Durrah Afshan     | 5025916    | durrahafshan@gmail.com     | 91759105 |
| Rivaldo Erawan    | 5026374    | rivaldo.erawan97@gmail.com | 96565187 |
| Kim Heoncheol     | 5026052    | effectmix@gmail.com        | 88087415 |

## 3. AGENDA & NOTES, DECISIONS, ISSUES

### NOTES

Decided to integrate Amazon Web Services

Decided on using AWS mobile SDK, AWS Cognito, AWS S3 and AWS DynamoDB

- AWS mobile SDK to connect with AWS services
- AWS Cognito for user authentication.
- AWS S3 for data backup
- AWS DynamoDB for file meta data related to locational authentication.

Newly discussed features

- User will be authenticated by AWS Cognito services.
- User credentials will be encrypted and stored at a central database (AWS DynamoDB).
- User can back up his files to AWS S3 for future migrations to new device.
- The application will pull the data from central AWS data base and store it to a local database to boost the speed.
- When the user switch phone he can just download the file to new phone and start using the app.
- The user can change password once he login.
- In case the phone is lost the user can download the app in the new phone and change password. Once the user changes his password the person who has the old phone will not be able to login or decrypt the files.
- Forget password the feature where the user will be sent a confirmation code through phone or email and redirected to change password activity.
- PDF viewer
- Import or archive pdf from local directory.
- User has the freedom to set the radius of each file location and the number of files linked to that location.

- The app will verify the current location every 10 seconds. If there is a significant change in the location the application will encrypt all the files and the system will logout. This is to prevent adversary from spoofing gps.
- Delete existing files.

#### 4. ACTION ITEMS

| ACTION  | ACTION TO BE TAKEN BY | DATE TO BE ACTIONED BY    |
|---|-----------------------|---------------------------|
| Software Requirement Specification <ul style="list-style-type: none"> <li>- Use case Diagrams</li> <li>- Sequence Diagrams</li> <li>- Activity Diagrams</li> <li>- Non-Functional Requirements</li> </ul> |                       | 11 <sup>th</sup> Aug 2017 |
| Data Base Design Document   |                       | 11 <sup>th</sup> Aug 2017 |

#### 5. NEXT MEETING (if applicable)

| DATE      | TBA | TIME | TBA | LOCATION | TBA |
|-----------|-----|------|-----|----------|-----|
| OBJECTIVE | TBA |      |     |          |     |

**SUBMITTED BY:** Abhi Jay Krishnan

**APPROVED BY:** Durrah Afshan  
Rivaldo Erawan  
Kim Heoncheol