**Initial research**

**File Storage**

We researched different types of databases for file storage (MongoDB, Firebase, MySQL, Amazon S3) and decided that Firebase would be suitable as it provides scalable fast access to storage. However, from further research we found that using a NodeJS server with Firebase Storage was recently depreciated and focus was put on using Google Cloud instead, so we decided to go down that route.

<https://cloud.google.com/storage/>

**Users/Group Info**

// Something related to MongoDB

**Backend**

From various forms of research, we decided to use a Node.JS server to handle our backend as we have experience in using it and wanted to learn more. It also creates a client/server relationship to for security and allows us to easily update just the server down the line rather than the whole application.

**Note Functionality**

For a better user experience, we thought that it would be handy for the user to be able to format, edit and add bullet points to notes rather than just having plain text. So, we researched and found a 3rd party API (Quill) that would allow us to do this through Javascript.

<https://quilljs.com/>

**Group Chat functionality**

//Probably will use MongoDB but not sure yet.

**User Identification**

//

**Ionic Plugins (So far)**

File Chooser - <https://ionicframework.com/docs/native/chooser/>

File Transfer - <https://ionicframework.com/docs/native/file-transfer/>

File Opener - <https://ionicframework.com/docs/native/file-opener>

Camera - https://ionicframework.com/docs/native/camera