**Identifying the Data Requirements**

This is a special class and could be potentially stored in firebases’ authentication system, however I will identify the data requirements for the time being

**Account (can be called User too)**

* Email (String)
* First name (String)
* Last name (String)
* Password (String)
* Phone Number (String)
* Profile Picture URL (String || URL?)

**Groups**

* Id (String)
* memberEmails (ArrayList<String>) //could change this to an ArrayList of type Account
* adminEmail (String) //could change this to a single field of Account Type
* Updates (ArrayList<Update>)
* Meeting Plans (ArrayList<MeetingPlan>)
* File URLs (ArrayList<URL> || ArrayList<String>)
* Chat Messages (ArrayList<ChatMessage>)
* Tasks (ArrayList<Task>)

**Update**

* Id (String)
* Title (String)
* Detail (String)
* Publisher (Account)
* Publish Date (Date) || (Calendar)
* Comments (String) – Optional??

**MeetingPlan**

* Id (String)
* Creator (Account)
* Name of Meeting (String)
* Date of meeting (Calendar)
* Time of meeting (Calendar) //could merge with above?
* Agenda (String)
* Duration (Integer)

**ChatMessage**

* Id (String)
* Sender (Account)
* Chat Message (String)

Message Time (Calendar)

**Task**

* Id (String)
* Task title (String)
* Task details (String)
* Completion status (Boolean) || (Integer) may have more than a binary set of statuses (more than 2 statuses)
* Assigned Member (Account)
* Due Date (Calendar)