**Local Procedure (Cloud Off)**
- Write to file
- Read from file

**Cloud  Procedure (Cloud On)**
- Write to cloud
- Read from cloud

**Toggle Cloud Storage from On to Off**
1. Update local with data from cloud
2. Follow **local procedure**

**Toggle Cloud Storage from Off to On**
1. Write local data to cloud
2. Follow **cloud procedure**

**Remove(Data Class): Applies only to cloud**
1. Upload local storage with all class data to be removed from cloud
   a. **(i.e all medication data on cloud)**
2. Remove current data from cloud
   a. **(i.e remove all medication data on cloud)**
3. Display from local
   Case (Cloud Storage On):
        New data written to cloud
   Case (Cloud Storage Off):
        New data written to local

Data Classes:
- Journal Entry
  - List of **(Symptom)**
  - List of **(Illness)**
  - List of **(Test & Labworks)**
- Medication Data
  - Medication Name **(String)**
  - Dosage **(String)**
  - Dosage Schedule **(String)**
  - Frequency **(TBD)**
- Appointment Data
  - Event Name **(String)**
  - Date **(String)**
  - Start Time **(String)**
  - End Time **(String)**

- Symptom
    - Name **(String)**
    - Start Date **(String)**
    - End Date **(String)**
- Illness
    - Name **(String)**
    - Start Date **(String)**
    - End Date **(String)**
- Test & Labworks
    - Name **(String)**
    - Date Occurred **(String)**