

DatabaseManager manages the connection to the datastore
 It optimizes the connection to the datastore using caching, and other capabilities to be added over time. It provides a local observer design pattern to let the rest of the application know when there are updates. Ideally, also eventually implement observer design pattern against the server backend, so polling isn't needed.

NOTE: The local in-memory cache will allow the application to refresh as much as it want's, and not worry about db impact, or user experience impact.

NOTE: Since DatabaseManager is doing caching, when a method is called that returns a reference to data that is cached, the cache (maybe in a dictionary) should be searched so that if that object has already been created and a reference provided before, that same reference is provided again.

Connection defines the methods the applicaiton can use to:
 Get data from the datastore
 Add data to the datastore
 Modify data in the data store

