Code Review Notes

Make sure that catches return after printing the stack trace.

Return a database object that is empty.

Deal with exceptions.

More comments

Consider making variable final

Get rid of hardcoded strings

1. Retriever abstract class function getall() - gets everything from the database
   1. add comments to code
      1. what it is
      2. how to use it
      3. what is the purpose
2. SingleRetriever abstract class
   1. getall() - implements the function
   2. Why not an interface?
      1. get json database string needs to be done before creating the class forcing the child classes to have a static function
      2. decide to change or not
   3. interator
   4. getDatabaseObjectClass()
      1. this will be moved to an interface
      2. returns the type of class that it is
      3. Abstract class function
   5. Using reflection constructs
      1. creates the object of whatever type of class that it is.
      2. default values can be displayed without knowing what type of object it is.
   6. getJSONDatabaseString()
      1. similar to getDatabaseObjectClass()
   7. json.iterator()
      1. goes through all the field
      2. for each instead of while iterator.hasNext()
      3. newInstance requires all the different catches
         1. deal with exceptions
3. Abstract class DataBaseObject
   1. getString change to getFieldAsString
      1. toReturn - weird naming
   2. load
      1. strings should be in the XML file
      2. move each of the ifs into their functions
4. CruCardScreen
   1. skipped
   2. look at code from the UI using a retriever
5. Database objects and retrievers examples
   1. campus - no hardcoded strings