

# CS493

Regis University Senior Capstone

## Presentation of DataFace

handout



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The Object Based Study Application

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## August 15, 2013

### 1 A quick review about the concepts which are forming the DataFace application

To begin I would like to ask you to take a look at my project on the GITHUB page here: [DataFace wiki](#)

### 2 This is a quick review of the portions of the Android API used in this project

The following API Items may be covered:

- Activities ([Activity 2013](#))
- Views ([View 2013](#))
- Intents ([Intent 2013](#))
- ListView ([ListView 2013](#))

### 3 Review of the SQLite3 database on android

- SQLite3 ([Saving Data in SQL Databases 2013](#))
- android.database.sqlite ([android.database.sqlite 2013](#))
- SimpleCursorAdapter ([SimpleCursorAdapter 2013](#))

I will try to demonstraight the two SQLite databases and walk through the various portions of the code to show its effects on the ListView.

### 4 Some important point to look for

Here are some points to look for which will help put all these pieces together:

- Activities have lifecycles with three states.
  1. Resumed: in the foreground

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2. Paused: The current activity is covered by another partially in a transparent state.
  3. Stopped: Activity is in the background and no longer visible.
- Intents launch Activities.
  - Bundles pass data between Activities.
  - The SimpleCursorAdapter is a specialized adapter that uses the database cursor to map columns in a TextView or ImageView.



## Bibliography

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