Project Report

Group members: David Alexander Adams and Aleix Molla

**Project Description**

The app emphasizes around the idea of storing and accessing receipts on your phone or tablet. In an ideal situation, the app would implement a unique bar code that individual to the device that would be used to access client information. At the checkout, the user would simply scan the bar code, and the receipt will be sent to the phone once the transaction is completed. A full version of this app could also implement Android Pay within the app, such that the user does not have the exit the app.

The app is ideally targeted for consumers who like to keep track of their receipts and finances. In the demonstrated version of the app, pre-created receipts will be simply loaded from a remote server (link provided below) through a JSON object and parsed into a database. The user can then further interact with the receipts by using a calculate a monthly budget option that will graph the receipts from the last two to four months.

**Operating Instructions**

The user is allowed to calculate the budget by clicking on the get budget button, and the user is allowed the sort the receipts by date.

**Design and Implementation**

The app uses the following classes:

1. Callbackable interface
2. Item
3. MainActivity
4. Receipt
5. ReceiptActivity
6. ReceiptLab
7. ReceiptListActivity
8. ReceiptPagerActivity
9. DataBase
   1. ReceiptCursorWrapper
   2. ReceiptDbSchema
   3. ReceiptHolder

**Use Cases**

**Implementation Issues and Bugs**

**Important Features**