

On Your Mark

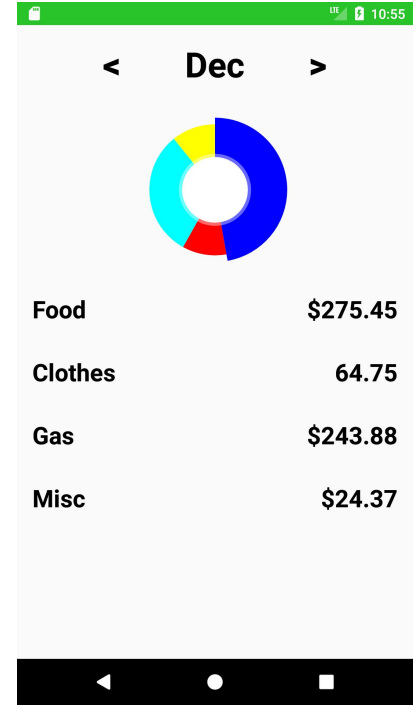
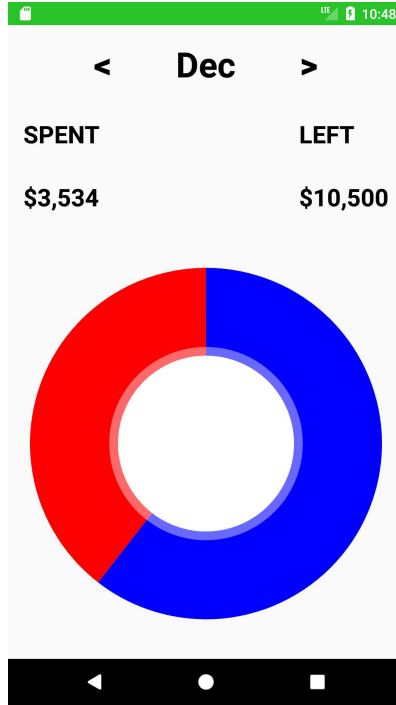
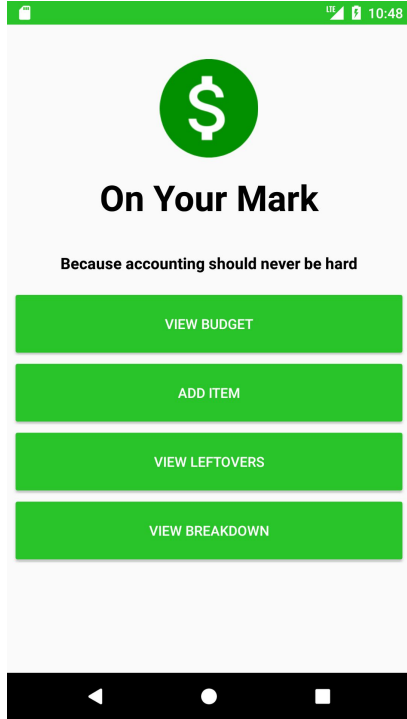
Week 3

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Goal of the Project

Make budgeting and accounting an easy-to-use, thought-free experience by leveraging the camera of the mobile phone to take most of the work out of adding items to a budget.

Prototype Visual



Work Completed This Week

- Dave
 - Created layouts for main menu, monthly check-in, and monthly breakdown
 - Added hooks for each layout to allow easy updating from backend
- Mike
 - Implemented Microsoft Azure Computer Vision API
 - Added ability to take photo of receipt, have it analyzed and return results
- Sohit
 - Created Object classes and SQLite database to store the required information.

```

@Override
public void onCreate(SQLiteDatabase db) {
    String CREATE_CONTACTS_TABLE = "CREATE TABLE " + TABLE_BUDGETS + "("
        + KEY_ID + " INTEGER PRIMARY KEY,"
        + KEY_LOCATION + " TEXT,"
        + KEY_DATE + " TEXT" + ")";
    db.execSQL(CREATE_CONTACTS_TABLE);
}

public BudgetItem getBudgetItem(int id) {
    SQLiteDatabase db = this.getReadableDatabase();

    Cursor cursor = db.query(TABLE_BUDGETS, new String[] { KEY_ID,
        KEY_LOCATION, KEY_DATE }, KEY_ID + "=?",
        new String[] { String.valueOf(id) }, null, null, null, null);
    if (cursor != null)
        cursor.moveToFirst();

    int _id = Integer.parseInt(cursor.getString(0));
    String _location = cursor.getString(1);
    String _date = cursor.getString(2);

    BudgetItem budgetItem = new BudgetItem();
    budgetItem.setDate(_date).setLocation(_location); // TODO: Items
    return budgetItem;
}

```

Challenges

- Dave
 - None
- Mike
 - No si
- Sohit
 - None