**SimpleScan for iOS**
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# 1. Abstract

### 1.1. **Project Purpose**

Keeping track of personal finances can be tedious and difficult, let alone dealing with shared expenses. Our product is an iOS app that streamlines bank balancing. It pulls data from photos taken of bills and receipts, allowing for more convenience in keeping track of expenses.

# 2. Background/Motivation

Everyone has bills to take care of and expenses to track. There are some basic applications and some extremely high-level applications but nothing quite tailored to college life where not only are people dealing with this for the first time. In addition, the photo recognition aspect is not only an interesting challenge from a programming aspect, but an extremely convenient feature that expedites the process of inputting numbers.

# 3. Technical Specifications

### 3.1. **Platform:** iOS app

### 3.2. **Programming Languages:** Objective-C / Swift

### 3.3. **Stylistic Conventions:** camelCase

### 3.4. **SDK:** iOS SDK

### 3.5. **IDE:** Xcode 6

### 3.6. **Tools/Interfaces:** iPhone

### 3.7. **Target Audience:** iPhone users

# 4. Functional Specifications

### 4.1. **Features**
-Keep track of expense
-Use photo recognition to track the money spent without typing

### 4.2. **Scope of project**
-Accuracy of

# 5. Timeline:

### 5.1. **Week 1**
-Setup the basic user interface and navigation options.

### 5.2. **Week 2**
- Finishing up the prototype of GUI & Start researching on photo recognition.

**5.3.** **Week 3**

    **-** Complete photo recognition function and merge it into the user interface.

5.4. **Week 4**

    - Finish Merging & Debugging & Wrapping up.

6. **Future Enhancements**

-Sharing budget with roommates

-Add notification for reminder