



# PHONE APP USER MANUAL

8/21/2013

Graduate Capstone





# Table of Contents

1Introduction.....3

    Intended Audience.....3

    1.2 References.....3

    1.3 Revision History .....3

    2.1 Design Complexity .....5

    2.2 Automation Work Load.....6

    2.3 Time Management.....7

    2.4 Development Team Diversity .....8

    2.5 Code Readability.....9

    2.6 Late User Prototyping..... 10



# 1Introduction

The purpose of this document is to give a tutorial and walkthrough on how to navigate and use the Receipt Reward Application.

## 1.1 Intended Audience

This document is intended for any persons who wish to utilize the Phone Application and gain a better understanding of how the screens work. This document is written for people with any degree of familiarity with the application.

## 1.2 References

No references were used.

## 1.3 Revision History

Name	Date	Reason For Change	Version
Andy Bottom	08/13/2013	Created the introduction and parts of the document.	0.1





## 2 Risk Forms

Below is a list of the risks that are involved with this project. The risks are in no particular order besides the date that they were logged.

For more information about what the risks are, please see the Risk Management Plan document for more information about the risks.



## 2.1 Design Complexity

### Information

<b>Risk ID</b>	RISK-01
<b>Risk Name</b>	Design Complexity
<b>Category</b>	TECHNICAL
<b>Score</b>	

<b>Risk Owner</b>	Andy Bottom
<b>Date Submitted</b>	04/29/2013

### Risk Summary

May cause the system to be hard to maintain and make improvements for future iterations

### Risk Specifics

<b>Likelihood</b>	Remote
<b>Impact</b>	Moderate
<b>Response</b>	Mitigation

### Response Plan:

The plan is to document thoroughly the structure of the system.

### Risk Review

<b>Review Name</b>	Andy Bottom
<b>Date of Review</b>	04/29/2013
<b>Revised Impact</b>	Mitigation

### Review Summary

The plan is to document thoroughly the structure of the system.



## 2.2 Automation Work Load

### Information

<b>Risk ID</b>	RISK-02
<b>Risk Name</b>	Automation Work Load
<b>Category</b>	OPERATIOAL
<b>Score</b>	MEDIUM-HIGH

<b>Risk Owner</b>	Andy Bottom
<b>Date Submitted</b>	05/04/2013

### Risk Summary

The amount of load on the automation server may cause it to be bogged down and show very long waits and slow response times.

### Risk Specifics

<b>Likelihood</b>	4
<b>Impact</b>	8
<b>Response</b>	Mitigation

### Response Plan:

The plan to mitigate the risk is to either optimize the automation to be very fast. Or the more plausible plan is to add additional automation servers to split up the load per server and thus have faster responses.

### Risk Review

<b>Review Name</b>	
<b>Date of Review</b>	
<b>Revised Impact</b>	

### Review Summary



## 2.3 Time Management

### Information

<b>Risk ID</b>	RISK-03
<b>Risk Name</b>	Time Management
<b>Category</b>	Schedule
<b>Score</b>	LOW-MEDIUM

<b>Risk Owner</b>	Andy Bottom
<b>Date Submitted</b>	04/016/2013

### Risk Summary

Basically this is identifying that my schedule can get very busy a times with balancing internship work and family, so my time as a resource could be a potential risk.

### Risk Specifics

<b>Likelihood</b>	2
<b>Impact</b>	8
<b>Response</b>	ACCEPTANCE

### Response Plan:

This is something that cannot be prevented, thus the only action is to accept that this may occur. To reduce the impact, working to keep ahead of schedule can help with the impact.

### Risk Review

<b>Review Name</b>	
<b>Date of Review</b>	
<b>Revised Impact</b>	

### Review Summary



## 2.4 Development Team Diversity

### Information

<b>Risk ID</b>	RISK-04
<b>Risk Name</b>	Development Team Diversity
<b>Category</b>	OPERATIONAL
<b>Score</b>	6

<b>Risk Owner</b>	Andy Bottom
<b>Date Submitted</b>	05/07/2013

### Risk Summary

Essential, this risk is identifying that since I am the only resource that is involved with this project, that it may be a risk that there is not other point of view or opinion involved with design choices.

### Risk Specifics

<b>Likelihood</b>	5
<b>Impact</b>	4
<b>Response</b>	ACCEPTANCE

### Response Plan:

There is nothing that I can do about being the only one involved with the project. To lessen the impact, I will constantly run my ideas by with fellow classmates, co-workers, friends and professors to get outside opinion and advice involved with the project.

### Risk Review

<b>Review Name</b>	
<b>Date of Review</b>	
<b>Revised Impact</b>	

### Review Summary





## 2.5 Code Readability

### Information

<b>Risk ID</b>	RISK-05
<b>Risk Name</b>	Code Readability
<b>Category</b>	TECHNICAL
<b>Score</b>	7

<b>Risk Owner</b>	Andy Bottom
<b>Date Submitted</b>	05/07/2013

### Risk Summary

Essentially, there is always a risk involved with iterative development that the code can get very messy and hard to maintain

### Risk Specifics

<b>Likelihood</b>	2
<b>Impact</b>	8
<b>Response</b>	Mitigation

### Response Plan:

I created a document specifying the code design specifications. Also, a need for the developers to have a discipline to keep code clean and add comments when necessary is vital.

### Risk Review

<b>Review Name</b>	
<b>Date of Review</b>	
<b>Revised Impact</b>	

### Review Summary



## 2.6 Late User Prototyping

### Information

<b>Risk ID</b>	RISK-06
<b>Risk Name</b>	Late User Prototyping
<b>Category</b>	???
<b>Score</b>	???

<b>Risk Owner</b>	Andy Bottom
<b>Date Submitted</b>	04/29/2013

### Risk Summary

Because I will be doing a bottom-up approach to the development, one of the major disadvantages is that the phone application and the User Experience aspect won't be developed to the very end. This is a risk because I will have limited time to perform User Acceptance Testing and also may not have time to Clean up, fine-tune or fix small bugs on the phone side of things

### Risk Specifics

<b>Likelihood</b>	8
<b>Impact</b>	4
<b>Response</b>	Acceptance

### Response Plan:

This is just the nature of the beast. Try to start some form of phone prototyping earlier so that integration on that end will be somewhat easier than starting from scratch late in the game.

### Risk Review

<b>Review Name</b>	Andy Bottom
<b>Date of Review</b>	08/15/2013
<b>Revised Impact</b>	

### Review Summary

As expected, this is what happened. I did start earlier on initial phone development. But did run out of time to tidy-up and make a very clean Phone UX. Something that will need to be improved upon.



### 3 Risk Table

ID	Category	Likelihood	Impact	Response
RISK-01	TECHNICAL	REMOTE	MODERATE	MITIGATE
RISK-02	OPERATIONAL	4	8	MITIGATE
RISK-03	SCHEDULE	2	8	ACCEPTANCE
RISK-04	OPERATIONAL	5	4	ACCEPTANCE
RISK-05	TECHNICAL	2	8	MITIGATE
RISK-06	???	4	2	ACCEPTANCE

