

Smart Waiter User Guide

Meraj Patel #1137491
Pavneet Jauhal #1149311
Shan Perera #1150394

February 28, 2016

Contents

1	Introduction	2
1.1	What is Smart-Waiter?	2
1.2	Objectives of User Manual	2
2	Getting Started	2
2.1	System Requirements	2
2.2	Installation Instructions	3
3	Account Setup	5
3.1	Creating an Account	5
3.2	Accessing Account Settings	6
4	View Restaurant Menu	8
4.1	Scanning Barcode	8
4.2	Menu Layout	8
5	Placing an Order	8
5.1	Adding Item to Cart	8
5.2	Order Confirmation	11
5.3	Paying for an Order	13
5.4	Submitting an Order	14
6	Troubleshooting	14
6.1	Overview	14
6.2	Barcode Scanning Error	14
6.3	Application Freeze	14
6.4	Frequently Asked Questions	14

List of Figures

List of Tables

1	Revision History Table	2
---	----------------------------------	---

Revision History

Date	Comments
February 26, 2016	First Draft.
February 27, 2016	Create Account section complete.
February 28, 2016	Account Setup complete
February 28, 2016	Placing an Order complete
February 28, 2016	Getting Started complete

Table 1: Revision History Table

1 Introduction

1.1 What is Smart-Waiter?

1.2 Objectives of User Manual

2 Getting Started

2.1 System Requirements

To use Smart-Waiter, your phone must be running Android's Ice Cream Sandwich (4.0.1) operating system or higher. Your device must also have at least 512MB of RAM. The minimum and recommended requirements for running Smart-Waiter are given below. Minimum Requirements:

1. Android OS Version: Ice Cream Sandwich (4.0.1)
2. Resolution: 480 x 854 pixels (195 PPI pixel density)
3. Processor: 1.0 GHz
4. Storage: 100MB
5. RAM: 512MB
6. Camera: 2.0 MP Front Facing Camera
7. WLAN: WiFi 802.11 b/g/n OR HSPA compatible data service

Recommended Requirements:

1. Android OS Version: Marshmallow (6.0)
2. Resolution: 1440 x 2560 pixels (575 PPI pixel density)
3. Processor: Exynos 7420 Octacore (1.5 GHz Quad Core & 2.1 GHz Quad Core)
4. Storage: 100MB
5. RAM: 3GB
6. Camera: 16.0 MP Front Facing Camera
7. WLAN: WiFi 802.11 b/g/n OR LTE compatible data service

2.2 Installation Instructions

Instructions for installing Smart-Waiter with 3 different methods are presented below. Currently, the only way to install Smart-Waiter is through Android Studio. Once the final revision is complete, installation using the application APK or through the Play Store will be available.

Installation through the Play Store:

1. Open the Play Store application on your device.
2. Press the Search Button
3. Enter *Smart Waiter* into the search field.
4. Select *Smart Waiter* from the search results.
5. Press the `Install` button.

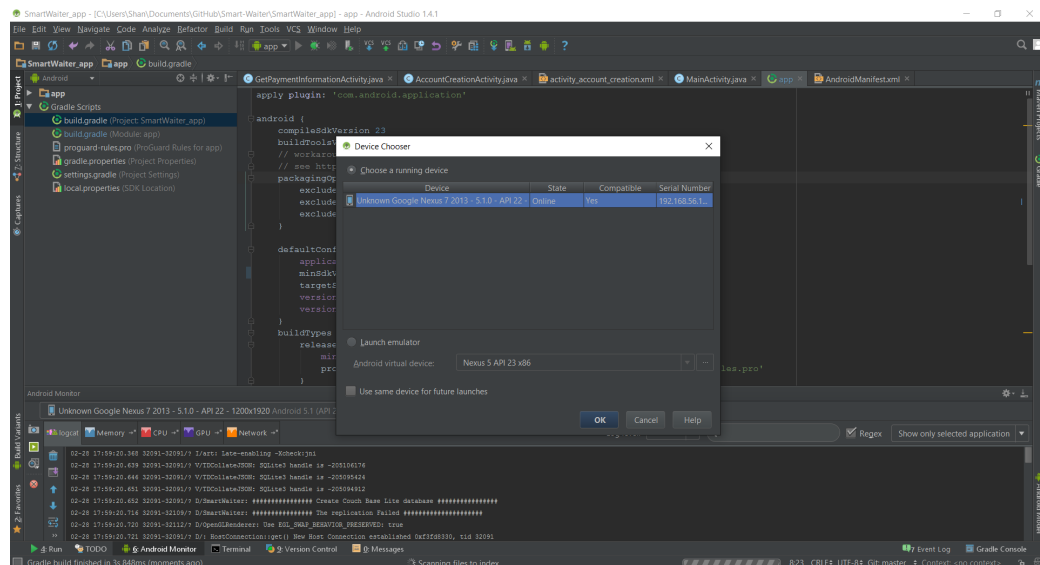
Installation with APK:

1. Download the APK file from the Smart-Waiter Git Repository
2. Open your device's *File Explorer* application

3. Navigate to the folder where the APK file was saved
4. Open the APK file using your device's *File Explorer*
5. Press the Install button

Installation with Android Studio:

1. Checkout the Smart-Waiter Git Repository to a directory of your choice
2. Open *Android Studio*
3. Select the File tab from the Menu
4. Select New Project >> Import Project...
5. Navigate to the folder where Smart-Waiter is saved
6. Select the build.gradle file in the *root* directory
7. Wait for the project to build
8. Plug your Android device in to your computer
9. Press the Run 'app' button or Press Shift+F10
10. Select your Android device from the *Choose a running device* section



11. Press the OK button

You have successfully installed Smart-Waiter on your Android device.

3 Account Setup

3.1 Creating an Account

If this is the first time that Smart-Waiter is launched, you will be asked to create an account. You will be brought to the Account Creation screen as soon as Smart-Waiter is initialized. Your screen will look similar to Figure 1 below.

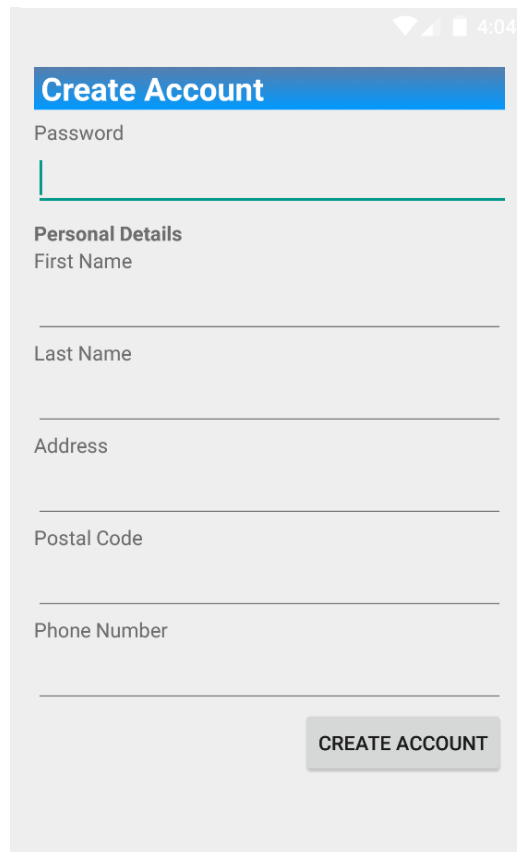


Figure 1

The instructions to create an account are as follows:

1. Choose a password between 2-5 characters long.
2. Enter your first name into the corresponding field.
3. Enter your last name into the corresponding field.
4. Enter the first line of your home address as it appears on your mail.
Ex: 125 Royal Ave
5. Enter your postal code in the following format: L4H 3Y4
6. Enter your phone number in the following format: 4165551911
7. Press the `Create Account` button.

Your Smart-Waiter account has now been successfully created.

3.2 Accessing Account Settings

This feature is set to be implemented in our final revision. For the time being, a general walk-through is given using a generic android application settings module. To access your Account Settings in Smart-Waiter proceed with the following steps:

1. Press the button with 3 horizontal white lines on the top right- hand corner of the screen to bring up the Navigation menu, as seen in Figure 2:



Figure 2

2. Press the `Settings` button in the Navigation Menu as seen in Figure 3:

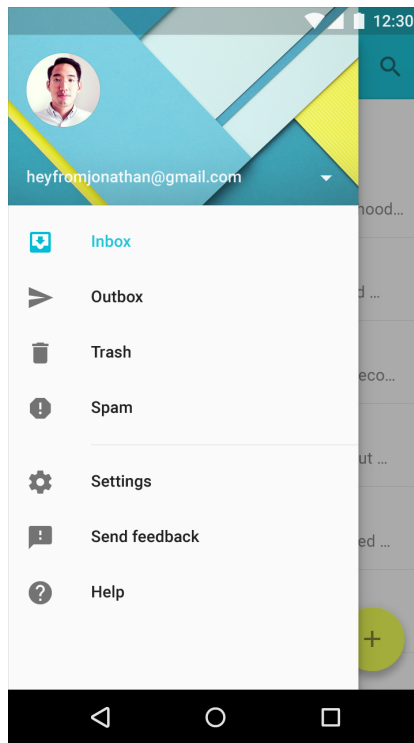


Figure 3

From here you can edit your Account Settings. You can perform the following actions in the settings page: Change Password and Edit Personal Details.

Changing Your Password:

1. Press the Change Password label.
2. Enter your current password into the corresponding field
3. Press the Confirm button
4. Enter a new password between 2-5 characters
5. Enter your new password again into the Confirm Password field
6. Press the Update Password button.

Editing Your Personal Details:

1. Press the `Edit Personal Details` label.
2. Enter your updated information into the corresponding field
 - (a) **NOTE:** If you leave a field blank, the information for the corresponding field will not be updated.
3. Press the `Save Changes` button.

4 View Restaurant Menu

4.1 Scanning Barcode

4.2 Menu Layout

5 Placing an Order

5.1 Adding Item to Cart

This section will walk-through how to add an item to your cart. In this case we are using the Chalet Bar and Grill Menu, however these instructions can be applied to any menu available through Smart-Waiter. Your screen will look similar to Figure 4 below. To learn how to add an item to your cart, proceed with the following instructions:

1. Press the label for the category of your choice. Ex: `Appetizers`

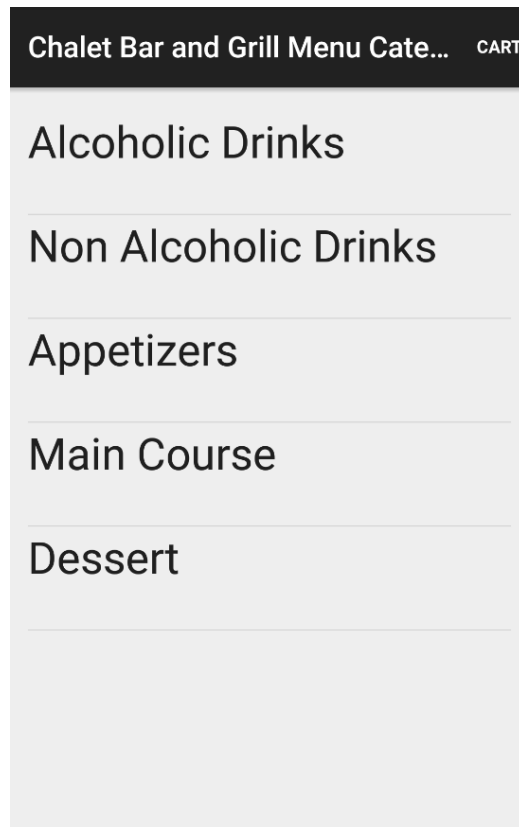


Figure 4

2. Press the label for the menu item of your choice. Ex: Autumn Spinach Salad

Category	Items	CART
	Creamy Chciken Soup 6.99 Hearty pieces of Rotisserie Chicken in a rich creamy broth topped with shredded cheese and green onions	
	Squash & Apple Bisque 6.99 orzo pasta, spiced chorizo	
	Greek Salad 10.99 Fresh mixed greens, cucumbers, Roma tomatoes, red onion, and Kalamata olives.	
	Autumn Spinach Salad 10.99 avocado, strawberries, candied pecans, goat cheese, vanilla balsamic.	
	4-Cheese Spinach Dip 7.99 A dreamy, creamy creation of spinach and artichoke, topped with melted cheese and red peppers.	
	Cheese Perogies 5.99 Our Perogies are essentially pillows of dough stuffed with cheesy potatoes and fried to	

Figure 5

- Enter any special instructions you may have for the menu item. Ex:
Easy on the salad dressing - Refer to Figure 6

The screenshot shows a mobile application interface. At the top, there is a dark header bar with the text "Enter Special Instructions" in white. Below this, the item "Autumn Spinach Salad" is listed with a price of "10.99". Underneath the item name, the ingredients "avocado, strawberries, candied pecans, goat cheese, vanilla balsamic." are listed. Further down, there is a section titled "Special Instructions" with the text "Easy on the salad dressing" entered and underlined. At the bottom of the screen, there is a grey button labeled "ADD TO CART".

Figure 6

4. Press the Add To Cart button

5.2 Order Confirmation

This section will guide you through the order confirmation process. We will continue with the Chalet Bar and Grill case we followed in the previous sections. These instructions can be applied to any menu available through Smart-Waiter. To learn how to confirm your order, proceed with the following instructions:

1. Press the Cart button on the top right corner of the application.
2. Press the Confirm Order button

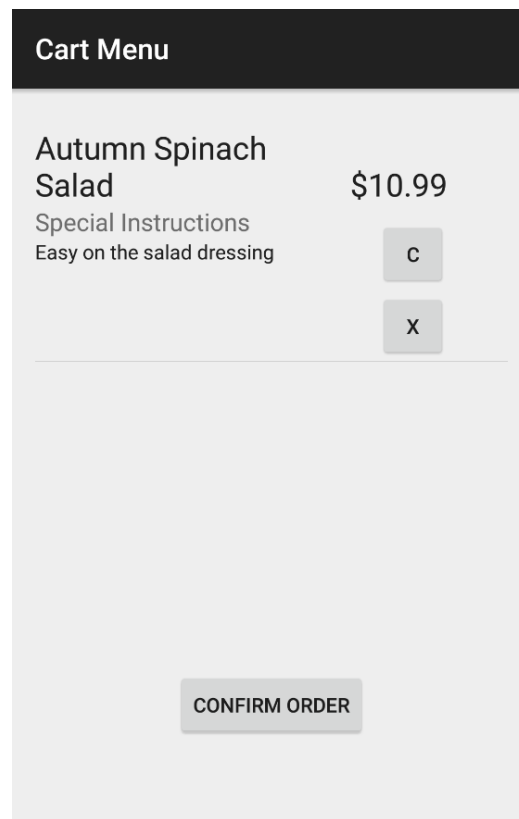


Figure 7

3. Press the `Proceed to Payment` button

Edit Special Instructions: To edit the special instructions for a menu item, proceed to the Cart Menu by pressing the `Cart` button on the top right corner of the screen and follow these instructions:

1. Press the `C` button
2. Update the `Special Instructions` field with your new instructions
3. Press the `Modify Item` button

Remove Item from Cart: To remove a menu item from your cart, proceed to the Cart Menu by pressing the `Cart` button on the top right corner of the screen and follow these instructions:

1. Press the `X` button

5.3 Paying for an Order

This section will guide you through the payment process. If you have not read the *Order Confirmation* section yet, please do so now before moving forward with this guide. This tutorial assumes that you have added at least one menu item to your cart and have followed the main *Order Confirmation* instructions up to step 3 where the user presses the *Proceed to Payment* button step. Your screen will look similar to Figure 8 below. To learn how to pay your order, proceed with the following instructions:

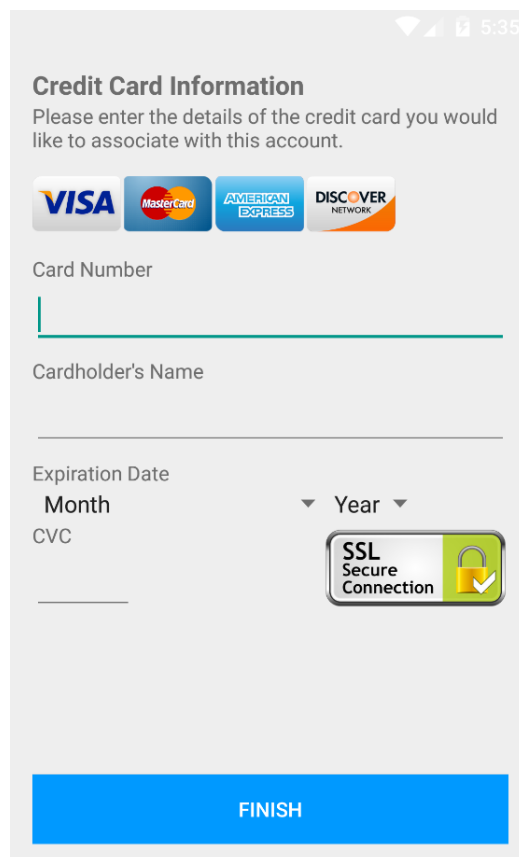


Figure 8

1. Enter your *Credit Card Number* into the Card Number field
2. Enter the *Cardholder's Name* into the corresponding field
3. Enter the *Expiration Date* using the dropdown list

4. Enter the *CVC* into the corresponding field
5. Press the `Finish` button

5.4 Submitting an Order

6 Troubleshooting

6.1 Overview

6.2 Barcode Scanning Error

6.3 Application Freeze

6.4 Frequently Asked Questions