**Food Tinder**

Mobile Application

Administrative Assistant Manual and Handbook



Food Tinder

November, 2020

Last Revised: 10.0-4, November, 2020

|  |  |
| --- | --- |
| 1. Introduction | 3 |
| * 1. Purpose of Administrative Manual …………………………………… | 3 |
| * 1. Preliminary reading ……………………………… | 3 |
| * 1. Structure of this Manual …………………………………………….. | 3 |
| 1. Overview ………………………………………… | 5 |
| * 1. App download Instructions …………………………………………………. | 5 |
| * 1. Is Food Tinder free? …………………………………………………………... | 5 |
| * 1. Signing up and getting started ……………………………………………………… | 5 |
| 1. Installation ……………………………………………………………. | 8 |
| * 1. Android Studio ………………………………………... | 8 |
| * 1. Firebase ………………………………………………………... | 8 |
| 1. Android Studio …………………………………………………. | 9 |
| * 1. Login/signup/Guest login ……………. | 9 |
| * 1. Add Menu………………………… | 9 |
| * 1. Add Restaurant…………………………………………………. | 9 |
| * 1. View Account Information …………………………….. | 9 |
| * 1. ………………………………………………………………….. | 9 |
| * 1. …………………………………………... | 9 |
| 1. ……………………………………………………… | 10 |
| * 1. …………………………………... | 10 |
| 1. ……………………………………………………………… | 11 |
| 1. ………………………………….. | 12 |
| * 1. ……………… | 12 |
| * 1. ………….. | 12 |
| * 1. …………………………… | 13 |
| * 1. ………………………….. | 14 |
| 1. Appendix |  |
| * 1. ………………………. |  |
| * 1. Frequently asked questions……………………… |  |

**COPYRIGHT, TRADEMARKS, AND DISCLAIMER**

Copyright

Centennial College (educational purpose).

##### Trademarks

Food Tinder is a registered trademark of Centennial College for educational purposes.

App Store is a service mark of Apple Inc. Android is a trademark of Google Inc.

All other trademarks mentioned in this document are trademarks of their respective owners.

##### Disclaimer

This text is intended for general information purposes only, and due care has been taken in its preparation.

Any risk arising from the use of this information rests with the recipient, and nothing herein should be construed as constituting any kind of warranty.

Food Tinder team reserve the right to make adjustments without prior notification.

All names of people and organizations used in the examples in this text are fictitious. Any resemblance to any actual organization or person, living or dead, is purely coincidental and unintended.

This app may make use of third party software for which specific terms and conditions may apply. When that is the case, you can find more information in the description provided on the application installation page on app store.

1. Introduction
   1. **Purpose of Administrative Manual**

The purpose of this administrative manual is to provide guidance and information to the users for the effective and efficient implementation and administration of the Food Tinder Application from developer’s point of view. The Administrative Manual includes how to make the application requirements, create/edit/delete profile, preference, selecting right restaurant, and joining a chat room using proper libraries and tools.

**Preliminary reading**

In order to understand this manual, you need to have a basic understanding of the Java language.

Since, this application adheres to android studio, this guide also assumes that you understand the basics of database and coding. Especially,

* Android Studio
* Firebase

**Structure of this manual**

To assist you with exploring this guide, it is separated into a few big parts. Each part tends to a specific wide topic concerning Food Tinder application development. The parts of this manual are in the following order:

Step by step explanation

1. Installing android studio and learning how to use different methods that helped in the creation of our application
2. To understand the functionalities of firebase that our team used to manage, create, and store data as well as pictures for Food Tinder application.

**OVERVIEW**

The Food Tinder application was developed by the students of Centennial College. They have created this application for course needs. The application is about adding a fun element for users to search and navigate food information by using a mobile phone.

**APP DOWNLOAD INSTRUCTIONS**

Food Tinder is currently available on iOS and Android devices. It currently supports iOS 10.0 and up, and Android 6.0 and up.

Apple

• Click on the Apple app store button and search the application’s name.

• This takes you to the download page of the Apple App Store.

• Click on the Download Now button.

• Follow the prompts.

Google Android

• Click on the Google app store button and search the application’s name.

• This takes you to the Food Tinder page of the Google App Store.

• Click on the Install button.

• Follow the prompts.

Blackberry

• Click on the Blackberry app store button and search the application’s name.

• This takes you to the Food Tinder page of the Blackberry App Store.

• Click on the Install Right Now link.

• Follow the prompts.

**Is Food Tinder Free to use?**

Food Tinder is accessible for free in the App Store and Google Play Store.

The rudiments: Swipe. Match. Join chat room. Visit. That is our mantra. It's simple and enjoyable to discover individuals on Food Tinder to dine with. We made our application stand apart with providing best restaurants and pictures and a bit of something about you to enjoy by adding a matchmaking feature. Swipe right on a picture to like, swipe left to pass. On the off chance that somebody likes the same dish as you, it's a Match!!!

**SIGNING UP AND GETTING STARTED**

Welcome to Food Tinder!

Before you start swiping, matching, chatting in a group room, you will have to make a food tinder account by following the steps below. These steps may vary as per your device compatibility and version.

### **iOS**

1. Download the Food Tinder app for IOS
2. Tap “Create Account”
3. Enter and verify your phone number
4. Enter your email address
5. Set up your profile
6. Allow Food Tinder access to all required permissions
7. Get started!

### **Android**

1. Download the Tinder app for Android
2. Select a login method
3. Enter and verify your phone number
4. Set up your profile
5. Allow Food Tinder access to all required permissions
6. Get started!

**Installing Android Studio**

Android Studio is the authority incorporated development environment for Google's Android working framework, based on JetBrains' IntelliJ IDEA software and programmed explicitly for Android advancement.

Operating system: Windows, macOS, Linux

Stable release: 3.1.3 (June 2018; 1 month ago)

Preview release: 3.2 Beta 5 (July 30, 2018; 1 day ago)

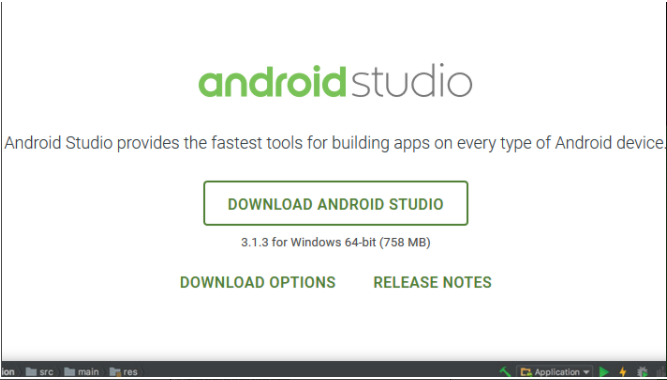
License: Freeware +Source code

Size: 854 MB compressed

Developed by: Google, JetBrains

How to install?

1. Go to this link <https://developer.android.com/studio/#downloads> for zip file.
2. Click DOWNLOAD ANDROID STUDIO button as shown in the picture below.

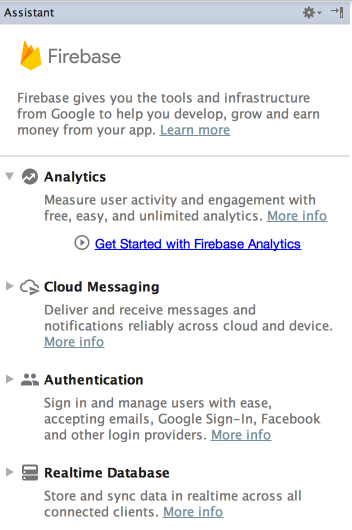


1. Agree the terms and conditions
2. After the downloading has finished, open the file from downloads and run it.
3. In the next prompt it’ll ask for a path for installation. Choose a path and hit next.
4. Once everything is installed, click on ‘Start new android project’ and be ready to build a new application like Food Tinder.

**Getting connected to firebase using android studio**

Firebase is a versatile mobile platform that helps you rapidly grow top notch applications, develop your client base, and bring in more cash. Firebase is comprised of integral highlights that you can blend all together to meet your requirements, with Google Analytics for Firebase at the core.

You can search and coordinate Firebase services into your application straightforwardly from Android Studio as shown in the picture below using Assistant tool window in android studio.



First ensure you have introduced Google Repository version 26 or higher, by following these :

* Snap Tools, it will open the SDK Manager.
* Snap the SDK Tools tab.
* Check the Google Repository checkbox, and press OK.
* Snap OK to install.
* Wait for the installation to end and snap Finish.

You would now be able to open and work on the Assistant window in Android Studio by following these means:

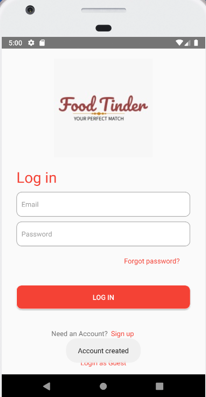
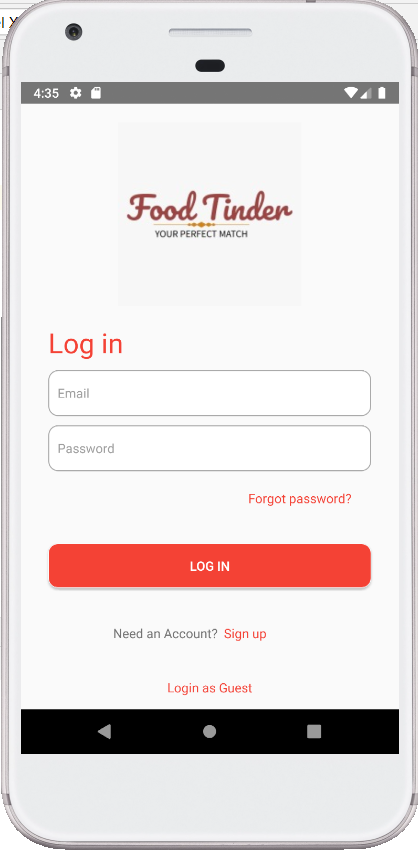
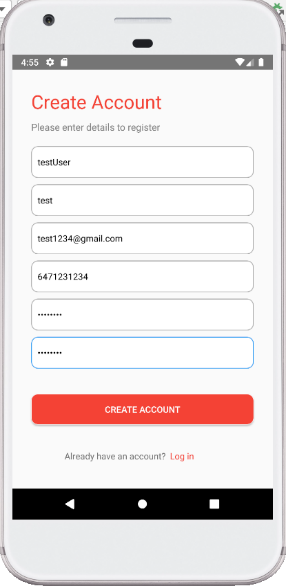
* Snap Tools it will redirect to Firebase to open the Assistant window.

Snap to extend one of the given features (for instance, Analytics), at that point click the Get Started to join Firebase and add the vital code to your application.

4.0 Android Studio

All the features of the Food Tinder application explained below are executed using Android studio.

**4.1 Login/Signup/Guest login Page**

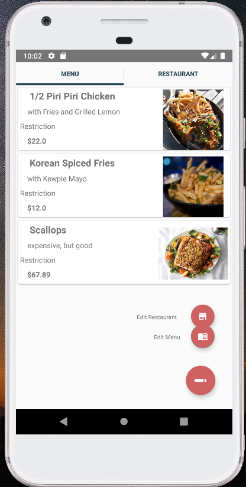
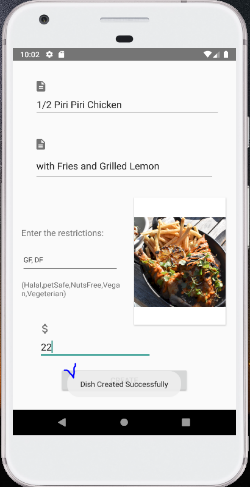


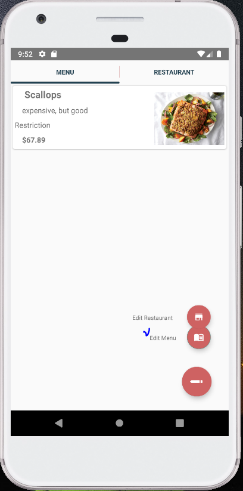
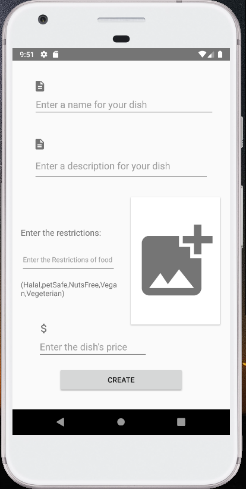
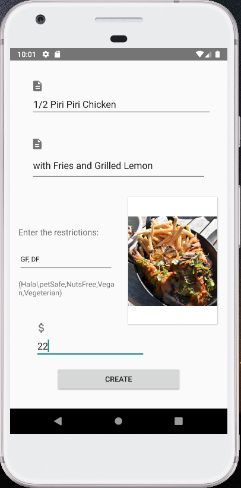
In android studio, first we created the Signup/login page for simple users as well as the guest users. We used some components such as Viewpager, Fragment, Image view, Textview, Button, and Edittext.

There is only one restriction, that the user should enter the details for every input in the correct format without leaving anything blank otherwise it will show an error.

* For email, standard email format
* For password, alphabets, numbers, and special characters.
* For phone number, only digits no more than 10
* For name, only aplhabets

If the account is successfully created so the app will through a small pop-up toast message. All the information added by the user will automatically get stored in the database.

**4.2 Add Menu**



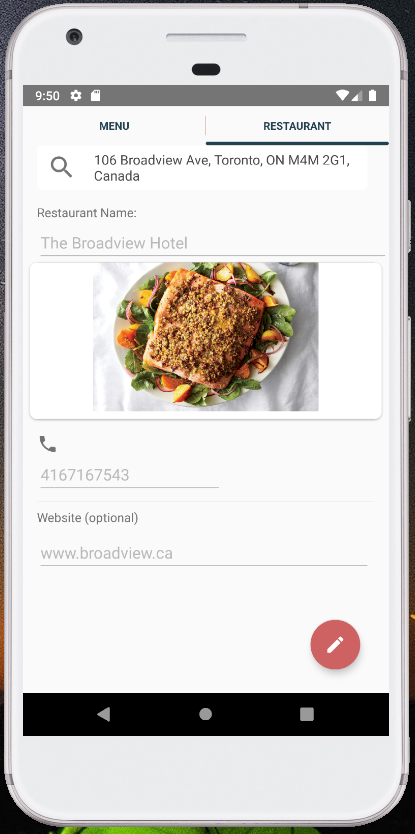
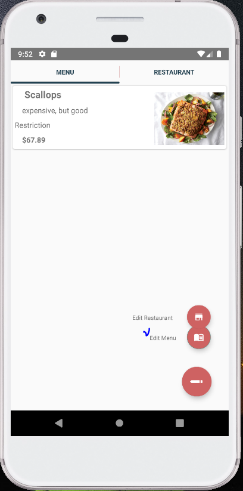
In add a new menu, open the ‘See existing menu’ page which has the pencil button on the right corner intended for the restaurant owners to add a new menu.

The ‘Edit Menu’ button is connected to the edit page where a text box will accept the alphabets, an image view created for displaying the picture of the specific menu in jpeg and png format, a food restriction textview that will also accept alphabets, and finally to enter the price that accepts numbers only.

If the menu is successfully added then the toast message will pop up. The menu which was

added will be shown in the menu list page.

**4.3 Add Restaurant**



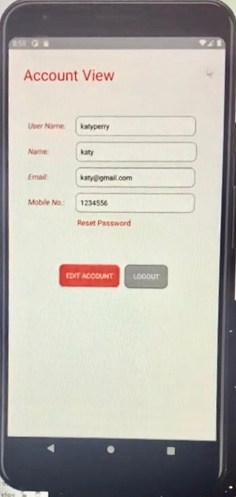
In add a new restaurant, open the ‘See existing Restaurant’ page which has the pencil button on the right corner intended for the restaurant owners to add a new Restaurant.

The ‘Edit Restaurant’ button is connected to the edit page where a text box will accept the alphabets, an image view created for displaying the picture of the specific restaurant in jpeg and

png format, and finally to enter the website name which accepts the standard format as required to build a website.

If the restaurant is successfully added then the toast message will pop up. The restaurant which was added will be shown in the restaurant list page.

**4.4 View Account Information**

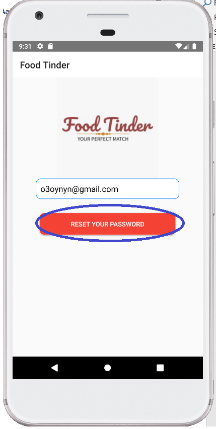
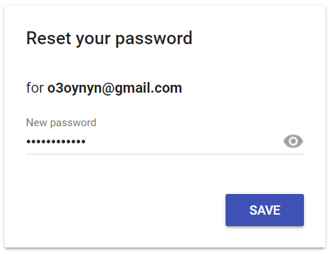
 

On the ‘Finding Match’ screen button in the form of an icon is created so that the user can navigate to the ‘Account View’ screen. This screen shows all the details already stored in the database.

EDIT ACCOUNT

Here we have created four textviews which has pre-defined meanings and for each a textbox where the user needs to input the correct values with proper format. For email, a proper email address, and for mobile number, only digits will be accepted otherwise the user will not be able to edit the account and save the changes made using ‘SAVE’ button

In case the user doesn’t wish to edit the account details, he/she can logout the application using the Logout button.



RESET PASSWORD

If by chance the user forgets the password then we have created a password reset functionality using ‘Reset Your Password’ button for hassle free experience. The user just need to enter the pre-registered email so that the system’s database can identify the stored email in order to send the recovery link.

Once the user click the link a dialog window will appear asking for a new password which will get saved after the user presses the ‘Save’ button. All these functions are added in android Studio with Firebase as a database tool to store all the information.