

PREREQUISITES

To set the android app up, we need to download and install a few tools that is used to generate the Thinkin service android application.

the Development software available at <https://developer.android.com/>

INSTALLATION

Thinkin service User Application:

1. Extract the android package.
2. Open the Thinkin service package in Android Studio and wait till the Gradle build successfully.
3. On the project explorer window of Android studio, find and edit the following files

Gradle Scripts/build.gradle (Module: app)

- a. applicationId “com.Thinkin.service.app” -> change this to your app’s Bundle ID



```
resValue "string", "app_name", "[redacted]"
resValue "string", "google_map_key", "AIzaSy8Y-csMUJ-hI081ZleP400h-CTUaWqYCqs"
resValue "string", "FACEBOOK_APP_ID", "2207585522827752"
resValue "string", "ACCOUNT_KIT_CLIENT_TOKEN", "539f9500a16dda53d26461f5cb002188"
resValue "string", "default_notification_channel_id", "fcm_default_channel"
resValue "string", "google_signin_server_client_id", "57912751053-p7r9pk8g6vc1bk12915vavquj7ogn1b3.apps.googleusercontent.com"

//Demo credentials
buildConfigField "String", "BASE_URL", "'https://phplaravel-341895-1113396.cloudwaysapps.com/'"
buildConfigField "String", "BASE_IMAGE_URL", "'https://phplaravel-341895-1113396.cloudwaysapps.com/storage/'"
buildConfigField "String", "TERMS_CONDITIONS", "'https://phplaravel-341895-1113396.cloudwaysapps.com/privacy'"

buildConfigField "String", "DRIVER_PACKAGE", "'com.[redacted] driver'"
buildConfigField "String", "CLIENT_SECRET", "'fa4LthLZu7W8vJ1DaMy0107C1mFmBokuwa05krk'"
buildConfigField "String", "CLIENT_ID", "'2'"
buildConfigField "String", "DEVICE_TYPE", "'android'"
buildConfigField "String", "PAYPAL_CLIENT_TOKEN", "'eyJ2Z2QzaW9uIjoyLCJhdXRob3JpemF0aW9uRm1uZ2VycHJpbnQiOiJlMWMzMGE4YmJlZmZlODk4MDJl'
```

- b. change values and the credentials in the screenshot down below

4. Configure your Application on the Google Firebase console, enable authentication and

Database for the chat and download the googleservices.json, and replace them in app/ folder.

5. Change the splash screen and icon for your own brand.

Open the project folder from the PC and follow the below-mentioned path: Thinkin service->app->src->main->res

C O D E L I S T . C C

You will find 'mipmap' folders in the different resolution names, you must save the icons and splash screens in these folders according to the device size.

Also, You will find 'drawable' folders in the different resolution names, you must save the icons and splash screens in these folders too according to the device size.

Now hit on the 'run' button the application will run successfully in the virtual device.

If you are planning to upload the app in the Play Store, you must generate the build. To do so, click on 'Build' in Android Studio, choose 'Generate Signed APK' from the drop-down. Now, click on create new and hit 'Next' to proceed.

Choose the path to the location where you want to save the key, give a folder name for the key and click 'OK'. Enter the information in the fields and click on 'Finish'.

The APK will be generated and stored in the folder named by you.

Thinkin service Provider/Driver Application:

1. Extract the android package.
2. Open the Thinkin service package in Android Studio and wait till the Gradle build successfully.
3. On the project explorer window of Android studio, find and edit the following files
 - a. Gradle Scripts/build.gradle (Module: app)
 - i. applicationId "com.Thinkin service.app" -> change this to your app's Bundle ID
 - ii.

```
resValue "string", "app_name", "[REDACTED]"
resValue "string", "google_map_key", "AIzaSy8Y-csNUJ-hI081ZleP400h-CTUaWqYCqs"
resValue "string", "FACEBOOK_APP_ID", "2207585522827752"
resValue "string", "ACCOUNT_KIT_CLIENT_TOKEN", "539f9500a16dda53d26461f5cb002188"
resValue "string", "default_notification_channel_id", "fcm_default_channel"
resValue "string", "google_signin_server_client_id", "57912751053-p7r9pk8g6vc1bki2915vavquj7ogn1b3.apps.googleusercontent.com"

//Demo credentials
buildConfigField "String", "BASE_URL", "\"https://phplaravel-341895-1113396.cloudwaysapps.com/\""
buildConfigField "String", "BASE_IMAGE_URL", "\"https://phplaravel-341895-1113396.cloudwaysapps.com/storage/\""
buildConfigField "String", "TERMS_CONDITIONS", "\"https://phplaravel-341895-1113396.cloudwaysapps.com/privacy\""

buildConfigField "String", "DRIVER_PACKAGE", "\"com.[REDACTED] driver\""
buildConfigField "String", "CLIENT_SECRET", "\"fa4LtMLZu7W8vJ1DaMy0i07C1mFhHnBokuwa05krk\""
buildConfigField "String", "CLIENT_ID", "\"2\""
buildConfigField "String", "DEVICE_TYPE", "\"android\""
buildConfigField "String", "PAYPAL_CLIENT_TOKEN", "\"eyJ2Z2ZjZaw9uIjoyLCJhdXRob3JpemF0aW9uRmluZ2ZVychJpbnQ101jUWwMzMG4YmJlZmZlODk4WDJl\""
```

4. Configure your Application on the same project in Google Firebase console, and download the googleservices.json, and replace them in app/ folder.
5. 5. Change the splash screen and icon for your own brand.

Open the project folder from the PC and follow the below-mentioned path: Thinkin service->app->src->main->res

You will find 'mipmap' folders in the different resolution names, you must save the icons and splash screens in these folders according to the device size.

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The APK will be generated and stored in the folder named by you.

Firestore

To get the FCM function in app for push and instant message between user and provider

1. Set the firebase project adding both app and get the package name
2. Download google-services.json file tomorrowm

Add Firebase to your Android app

1

Register app

Android package name ⓘ

App nickname (optional) ⓘ

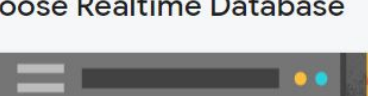
Debug signing certificate SHA-1 (optional) ⓘ

Required for Dynamic Links, Invites, and Google Sign-In or phone number support in Auth. Edit SHA-1s in Settings.

Register app

Setting the live chat DB make sure you set the rule to true for both read and write

Or choose Realtime Database



Realtime Database

Firebase's original database. Like Cloud Firestore, it supports realtime data synchronization.

[View the docs](#) [Learn more](#)

Create database



Firestore's original database. Like Cloud Firestore, it supports realtime data synchronization.

[View the docs](#) [Learn more](#)

Create database



Firestore cost?

Security rules for Realtime Database



Once you have defined your data structure you will have to write rules to secure your data.

[Learn more](#)



Start in locked mode

Make your database private by denying all reads and writes



Start in test mode

Get set up quickly by allowing all reads and writes to your database

```
{  
  "rules": {  
    ".read": true,  
    ".write": true  
  }  
}
```



Anyone with your database reference will be able to read or write to your database

Cancel

Enable