

Thinkin Cab

Thinkin Cab Setup Manual

Before setting up Thinkin Cab, we need the server to have the following prerequisite software's or frameworks in your server to build a conceivable environment.

Get Laravel server from this link in no time <https://www.cloudways.com/en/?id=315139> use

" TDRAGON " to get 10% off on server billing

*Min requirement - 2 GB digital ocean server which is min requirement for running the composer command and testing

New to Laravel follow these link

1. <https://laravel.com/>
2. <https://www.cloudways.com/blog/install-laravel-on-server/>
3. <https://support.cloudways.com/deploy-laravel-on-cloudways/>

For digital ocean cloud server of server provider have ubuntu server contents

1. LAMP Stack:

Note: We don't recommend cPanel or shared hosting, run only in the dedicated server or cloud server

The server environment should have a Linux Operating System with Apache Server and MySQL database, PHP server scripting language.

The following are the compatible versions of the LAMP stack

- a. Linux - Ubuntu - 18.04 or 16.04 (LTS is Preferred) or Equivalent
- b. Apache >= 2.4.25

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- c. MySQL >= 5.7
- d. PHP >= 7.4 | 8.0

Additional PHP Modules required.

1. OpenSSL PHP Extension
2. PDO PHP Extension
3. Mbstring PHP Extension
4. Tokenizer PHP Extension
5. XML PHP Extension Apache modules
6. Rewrite Module

2. Domain Name:

It is recommended that you get a domain name and an SSL certificate for the same for our application to work with full functionality.

3. SSL Certificate: (free in Cloudways)

To maintain compatibility of the application across the web app along with live tracking you need to have an SSL certificate to fetch the user location from the browser.

4. Composer: <https://getcomposer.org/>

Composer is required to download the dependencies for the application. Run this command after installation `composer self-update --1`

5. SMTP mail server

Password reset are done through mail server which credentials can be add from settings

Understanding Google Map Api

Recently we found the charge increase in the map API (direction API and place API for the live tracking) So, it recommended to secure and restrict the google map API.

You need to use 3 api keys (<https://developers.google.com/maps/api-key-best-practices>)

- Server
- Domain
- Apps (you can use same for both app)

Note: we are not responsible for monitoring the API and for the accidental usage bill of the API so account owner needs to take care of it

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INSTALLATION

1. Configure server Apache for Laravel (<https://phpraxis.wordpress.com/2016/08/02/steps-for-configuring-laravel-on-apache-http-server>)
2. Unzip the code in the server
3. Set the following permissions
 - `sudo chgrp -R www-data storage bootstrap/cache public`
 - `sudo chmod -R ug+rwx storage bootstrap/cache public` To the following folders
 - `./bootstrap`
 - `./storage`
 - `./public`
4. Now edit the `.env` file in app root folder
 - `DB_HOST = localhost` (Provide Database host URL here)
 - `DB_PORT = 3306` (Provide Database port here)
 - `DB_DATABASE = thinkincab` (Provide the Database name from step-5)
 - `DB_USERNAME = root` (Database username)
 - `DB_PASSWORD =` (Database password)
4. Run the following commands to complete setup
 - `composer install`
 - `php artisan key:generate`
 - `php artisan migrate --seed`
 - `php artisan storage:link`
5. By now the application should be live and ready for testing.
You can reach the admin panel from this URL `yourdomain.com/admin/login`
Default admin credentials are.

Username: admin@dragon.com Password: password

You will also have demo accounts to access the user and Driver app, which you might like to disable while moving the application to production check the admin panel for all details

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Setting the Map API

<https://cloud.google.com/maps-platform/>

Get started with above link and create new project in google map API and make sure you enable billing in the google map API after creating the credentials enable following API listed below

API restrictions

API restrictions specify the enabled APIs that this key can call

- Don't restrict key
This key can call any API
- Restrict key

12 APIs

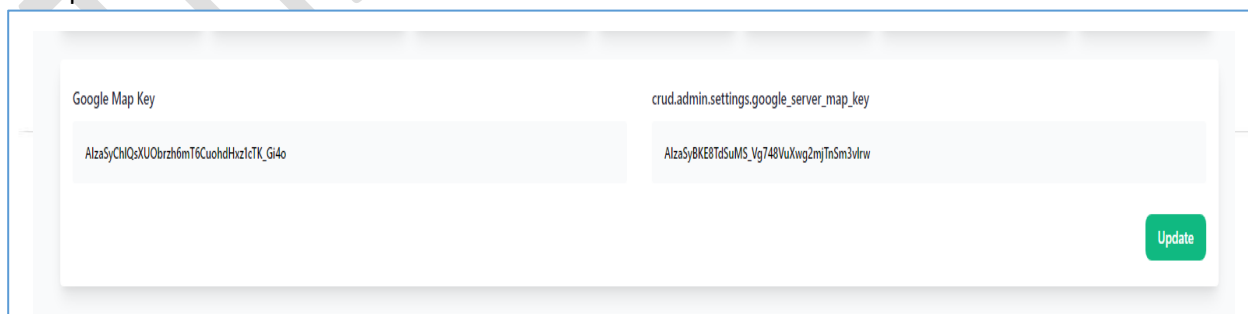
Selected APIs:

Directions API
Distance Matrix API
FCM Registration API
Geocoding API
Geolocation API
Maps Elevation API
Maps JavaScript API
Maps SDK for Android
Maps SDK for iOS
Maps Static API
Places API
Roads API

Note: It may take up to 5 minutes for settings to take effect.

SAVE CANCEL

Place the API key in setting map key section in both field
Also place it in the Android



Google Map Key

crud.admin.settings.google_server_map_key

AlzaSyChIQsXUObrzh6mT6CuohdHxz1cTK_Gi4o

AlzaSy8KE8TdSuMS_Vg748VuXwg2mjTnSm3v1rw

Update

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Thinkin cab User Application:

1. Extract the android package.
2. Open the Thinkin cab 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.thinkincab" -> change this to your app's Bundle ID
applicationIdSuffix accordingly
 - b. change values and the credentials suggested below
 - c. change server URLs all 4 URLs

```
resConfigs "en","fr","ar" //add respected language for translation
applicationId "com.thinkincab"//change application id reverse domain

applicationIdSuffix '.app' //application name 3rd value

resValue "string", "app_name", "Thinkin Cab"
resValue "string", "google_key", google_map_keys //in gradle.properties
file
buildConfigField "String", "google_map_keys", google_map_keys

//Demo credentials
buildConfigField "String", "BASE_URL",
'"https://cabpro.thinkindragon.com/'

buildConfigField "String", "BASE_IMAGE_URL",
'"https://cabpro.thinkindragon.com/storage/'
```

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```
buildConfigField "String", "TERMS_CONDITIONS",
'"https://cabpro.thinkindragon.com/privacy"'

buildConfigField "String", "SITE_URL",
'"https://cabpro.thinkindragon.com/"'
```

4. Configure your Application on the Google Firebase console, enable authentication and Database base 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.
6. Place map API key in gradle.properties file

```
7. # The setting is particularly useful for tweaking memory
settings.
android.enableJetifier=true
android.useAndroidX=true
org.gradle.jvmargs=-Xmx1536m
google_map_keys="AIzaSyANlWt8ZBwn1LL2Q-*****" //your key here
-Pandroid.debug.obsoleteApi=true
# When configured, Gradle will run in incubating parallel mode.
# This option should only be used with decoupled projects. More
details, visit
```

Open the project folder from the PC and follow the below-mentioned path: Thinkin
cab>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.

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 cab 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.Thinkincab" -> change this to your app's Bundle ID ii. applicationIdSuffix accordingly

```
resConfigs "en","fr","ar" //add respected language for translation
applicationId "com.thinkincab"//change application id reverse domain

applicationIdSuffix '.provider' //application name 3rd value

resValue "string", "app_name", "Thinkin Cab"
resValue "string", "google_key", google_map_keys //in gradle.properties file
buildConfigField "String", "google_map_keys", google_map_keys

//Demo credentials
buildConfigField "String", "BASE_URL",
'"https://cabpro.thinkindragon.com/'

buildConfigField "String", "BASE_IMAGE_URL",
'"https://cabpro.thinkindragon.com/storage/'
```

```
buildConfigField "String", "TERMS_CONDITIONS",
'"https://cabpro.thinkindragon.com/privacy"'

buildConfigField "String", "SITE_URL",
'"https://cabpro.thinkindragon.com/"'
```

4. Configure your Application on the same project in Google Firebase console, and download the googleservices.json, and replace them in app/ folder.
5. Change the splash screen and icon for your own brand.
6. Place map API key in gradle.properties file

```
7. # The setting is particularly useful for tweaking memory
settings.
android.enableJetifier=true
android.useAndroidX=true
org.gradle.jvmargs=-Xmx1536m
google_map_keys="AIzaSyANlWt8ZBwn1LL2Q-***** " //your key here
-Pandroid.debug.obsoleteApi=true
# When configured, Gradle will run in incubating parallel mode.
# This option should only be used with decoupled projects. More
details, visit
```

8.

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

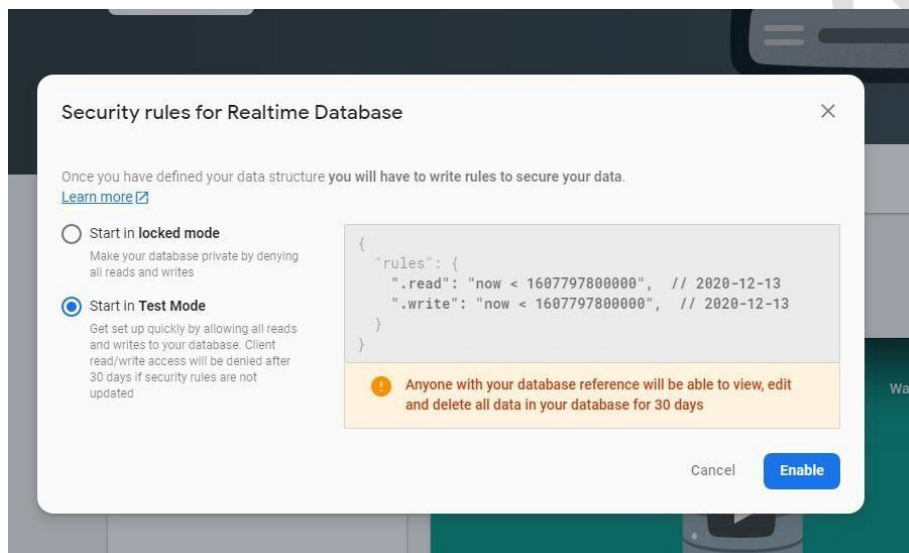
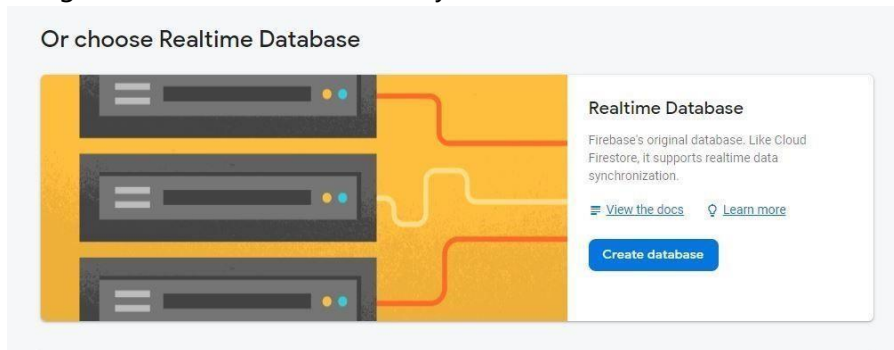
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Setting the live chat DB make sure you set the rule to true for both read and write



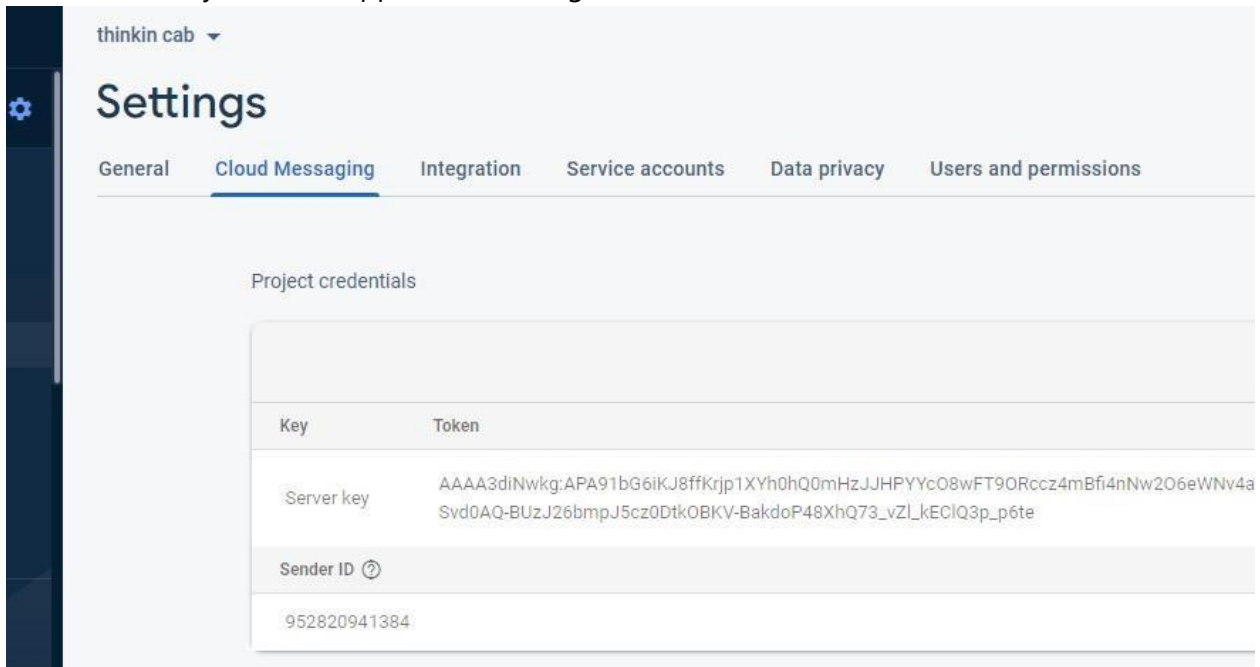
Select the test mode and create DB expiry date from below link and add 000 at end for both read and write rule e.g. 2524608000000 = 01/01/2050 make sure you increase it for smooth we work

<https://www.unixtimestamp.com/> place the below code in rule tab

```
{
  "rules": {
    ".read": "now < 2524608000000", // 2050-01-01
    ".write": "now < 2524608000000", // 2050-01-01
  }
}
```

Push Notification

Get the Server key form the application setting



thinkin cab ▾

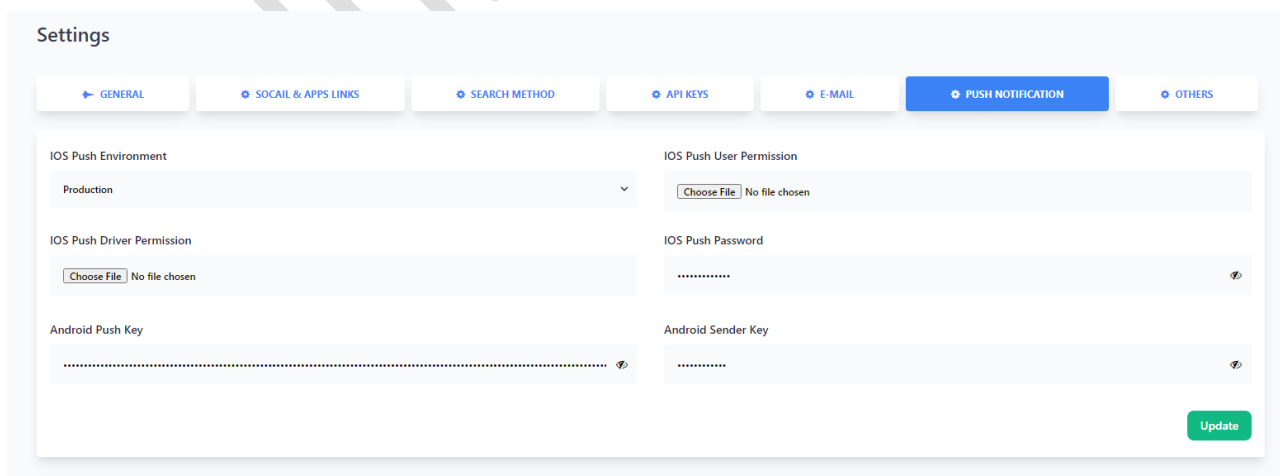
Settings

General **Cloud Messaging** Integration Service accounts Data privacy Users and permissions

Project credentials

Key	Token
Server key	AAAA3diNwkg:APA91bG6iKJ8ffKrjp1XYh0hQ0mHzJJHPYYcO8wFT9ORccz4mBfi4nNw2O6eWNv4a Svd0AQ-BUzJ26bmpJ5cz0DtkOBKV-BakdoP48XhQ73_vZL_kEClQ3p_p6te
Sender ID [?]	
952820941384	

Place the server key and sender key in the Android Push Key of the admin panel



Settings

GENERAL **PUSH NOTIFICATION** OTHERS

IOS Push Environment: Production

IOS Push Driver Permission: Choose File No file chosen

IOS Push User Permission: Choose File No file chosen

IOS Push Password:

Android Push Key:

Android Sender Key:

Update

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EMAIL SERVER

In setting page place all the details of the email server you want to connect (Gmail smtp don't work until you have business account)(you can get mail serve form cloudways addon in no time to send the password reset mail and all)

Send Mail

Driver: SMTP

Host: Host

Port: Port

Username: Username

Password: Password

From Address: From Address

From Name: From Name

Encryption: Encryption

[Update Site Settings](#)

RAZORPAY PAYMENT GATEWAY(INDIA)

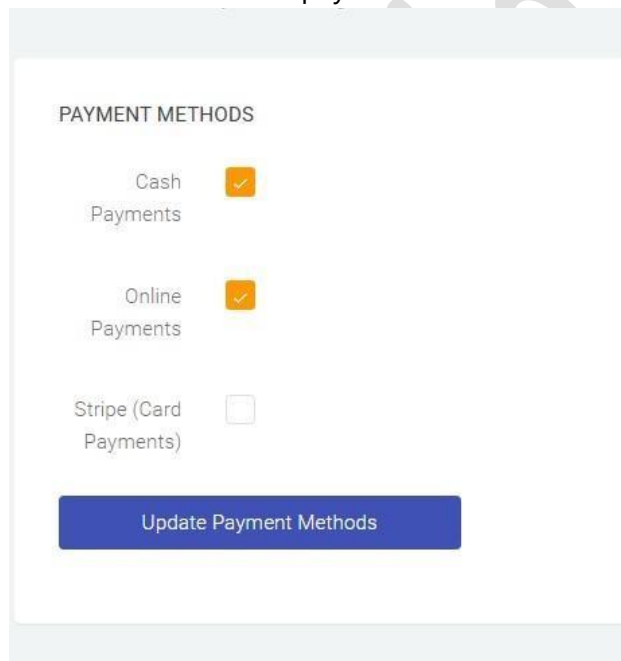
In both User and Driver the Razorpay key can be place in manifest file in app

```
android:value="3aef7a5b05836cf8166f23c95e43c52517bee917" />

<meta-data
    android:name="com.razorpay.ApiKey"
    android:value="rzp_test_WfQV0Bu3zBT8AC" />

<meta-data
    android:name="preloaded_fonts"
```

Then enable the online payment to make it work and user and Driver can recharge it wallet



PAYMENT METHODS

Cash Payments

Online Payments

Stripe (Card Payments)

Update Payment Methods

For other country stripe is there