

# THINKIN CAB MANUAL

THINKIN DRAGON



# TABLE OF CONTENTS

---

Introduction .....	- 3 -
requirements .....	- 4 -
INSTALLATION .....	- 5 -
Google Map Api.....	- 7 -
Thinkin cab User Application: .....	- 9 -
Thinkin cab Driver/Partner Application: .....	- 11 -
Firebase .....	- 14 -
Push Notification .....	- 16 -
EMAIL SERVER.....	- 18 -
RAZORPAY PAYMENT GATEWAY(INDIA).....	- 19 -

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

# WELCOME

## *Getting Started*

## INTRODUCTION

---

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

For fast setup 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 resource link for more info

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

Website - Thinkindragon.com

Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)

Whatsapp - +918126961804

Skype - drgntnkin

# REQUIREMENTS

---

## 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/Nginx Server and MySQL database, PHP server scripting language.

The following are the compatible versions of the LAMP stack

- a. Linux - Ubuntu - +18.04 (LTS is Preferred) or Equivalent
- b. Apache / Nginx
- c. MySQL >= 8 / Maria DB
- d. PHP >= 8.2

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)

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

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

## INSTALLATION

---

1. Configure server Apache for Laravel follow the link below  
( <https://phpraxis.wordpress.com/2016/08/02/stepsfor-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+rw 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)

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

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](mailto: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

Website - [Thinkindragon.com](http://Thinkindragon.com)

Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)

Whatsapp - +918126961804

Skype - drgntnkin

# GOOGLE MAP API

To avoid 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**

<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

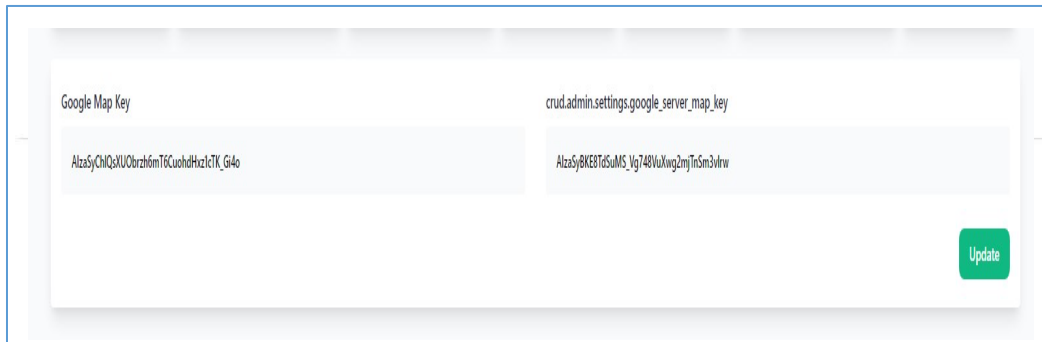
Thinkindragon.com

[gntnkin@gmail.com](mailto:gntnkin@gmail.com)

.....p - +918126961804

Skype - drgntnkin

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



The image shows a screenshot of a web form for setting a Google Map Key. The form has two input fields. The first field is labeled 'Google Map Key' and contains the text 'AlzaSyChlQ3XUObzrh6mT6CuohdHztTc\_Gi4o'. The second field is labeled 'crud.admin.settings.google\_server\_map\_key' and contains the text 'AlzaSy8KE8TdSsMS\_Vg748VuXwg2mjTnSm3vhw'. Below the second field is a green 'Update' button. A large, diagonal watermark reading 'THINKIN DRAGON' is overlaid on the image.

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin



# 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/'
```

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

```
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

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

'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 DRIVER/PARTNER 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
```

Website - [Thinkindragon.com](http://Thinkindragon.com)  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

```
//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

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.

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

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.

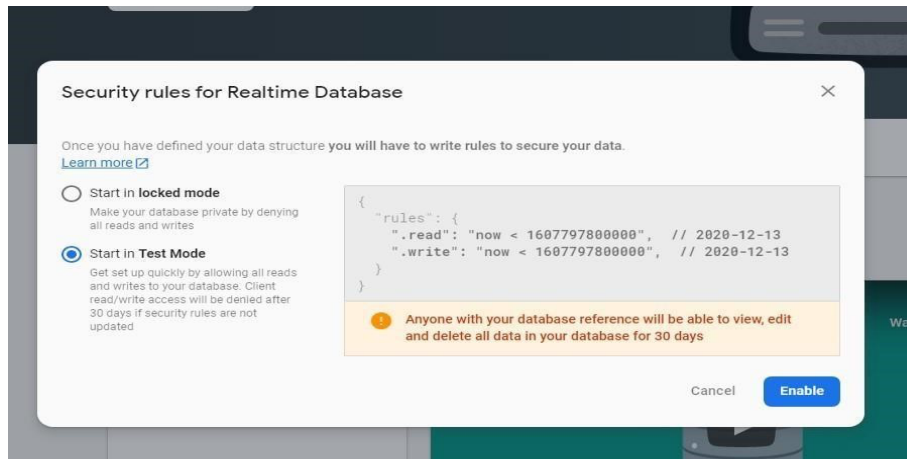
Choose the path to the location where you want to save the key, give a folder name for the key and click 'OK'. Enter the information in the fields and click on 'Finish'.

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

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

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

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin



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

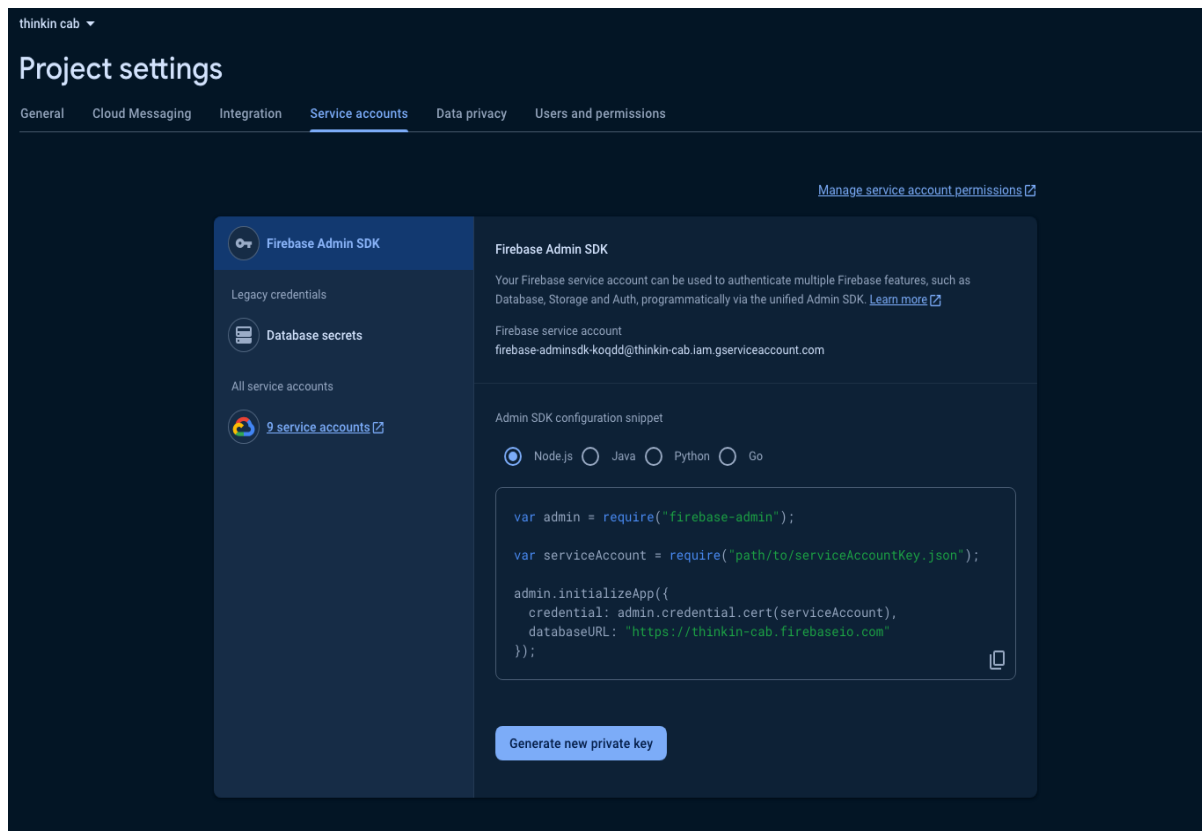
<https://www.unixtimestamp.com/> place the below code in rule tab

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

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

# PUSH NOTIFICATION

Get the Server key generate the JSON file form the application setting



Place the firebase Project ID (general tab of Project settings) and firebase admin JSON file in the Push Notification of the admin panel

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin



en

## Settings

GENERAL

SOCIAL & APPS LINKS

SEARCH METHOD

API KEYS

E-MAIL

PUSH NOTIFICATION

OTHERS

firebase Project ID

thinkin-cab

firebase admin JSON file

public/config/w9U3St9Pt1SQkCWZOpawpBrSXQ72d84ghYGaNvw7.json

Choose file No file chosen

Update

THINKIN DRAFT

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

# EMAIL SERVER

---

In setting page place all the details of the email server you want to connect

note: 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

THINK

Website - Thinkindragon.com  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin

# RAZORPAY PAYMENT GATEWAY(INDIA)

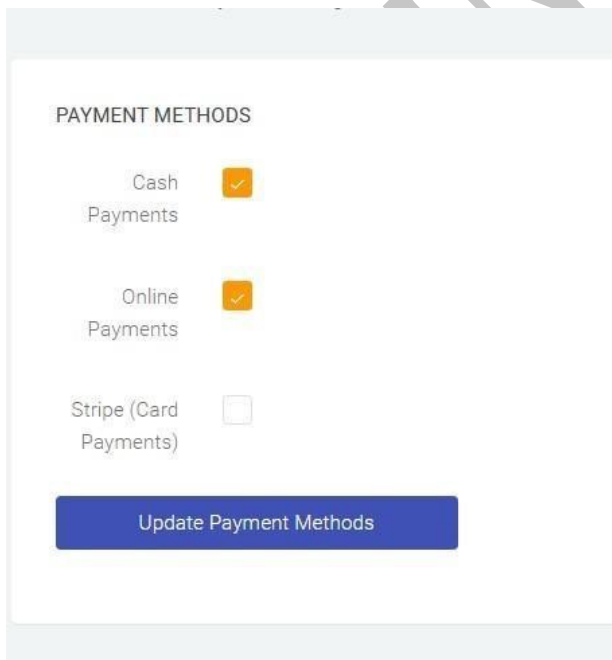
---

In both User and Driver, the Razor pay 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

Website - [Thinkindragon.com](http://Thinkindragon.com)  
Email id- [drgntnkin@gmail.com](mailto:drgntnkin@gmail.com)  
Whatsapp - +918126961804  
Skype - drgntnkin