

Classic Flutter News – Documentation

Version: 1.0

Create By: Chetankumar Akarte

Company: Renuka Technologies Pvt. Ltd. <http://renukatechnologies.in/>

For Support:

email – chetan.akarte@renukatechnologies.in & chetan.akarte@gmail.com

Skype – **chetan.akarte**

Whatsapp - **+91-7972900722**

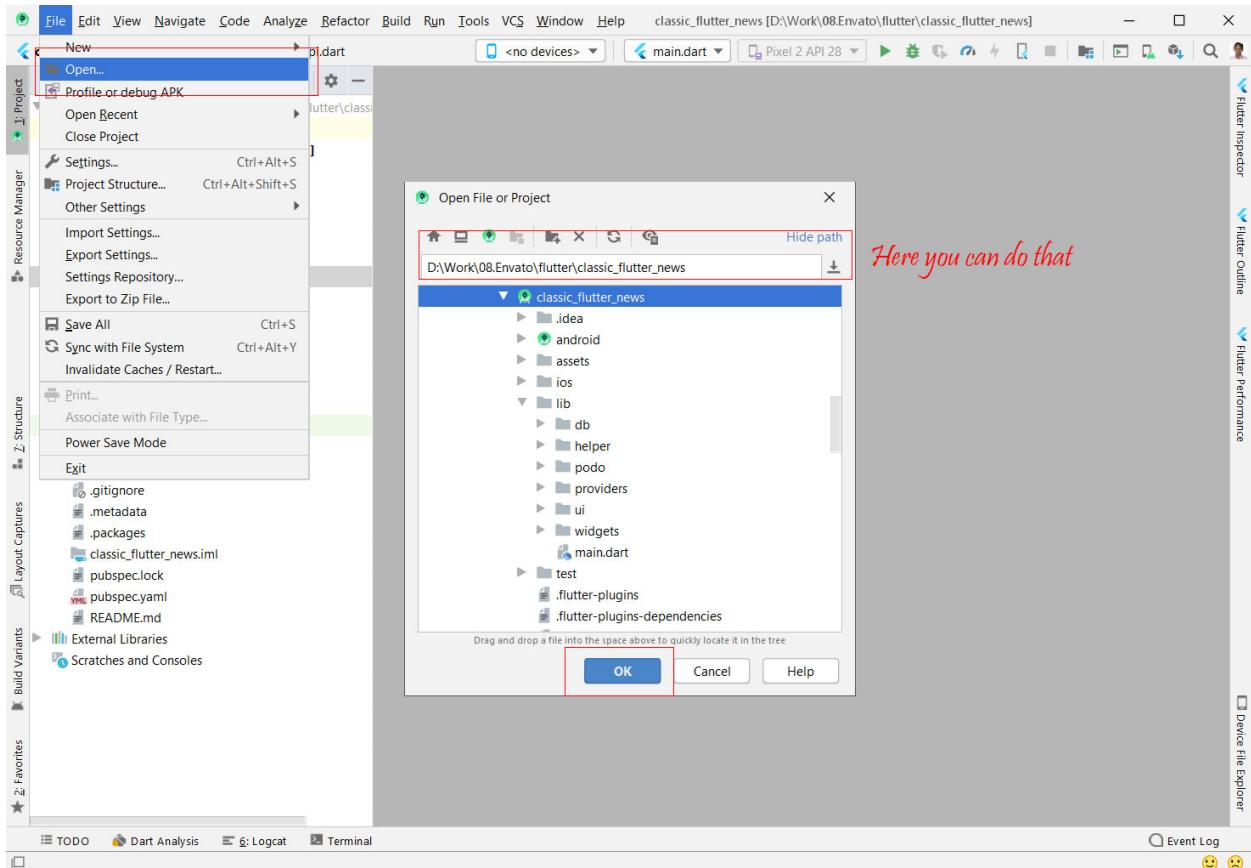
Product Demo: http://renukatechnologies.in/demo/classic_flutter_news/

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Importing Project

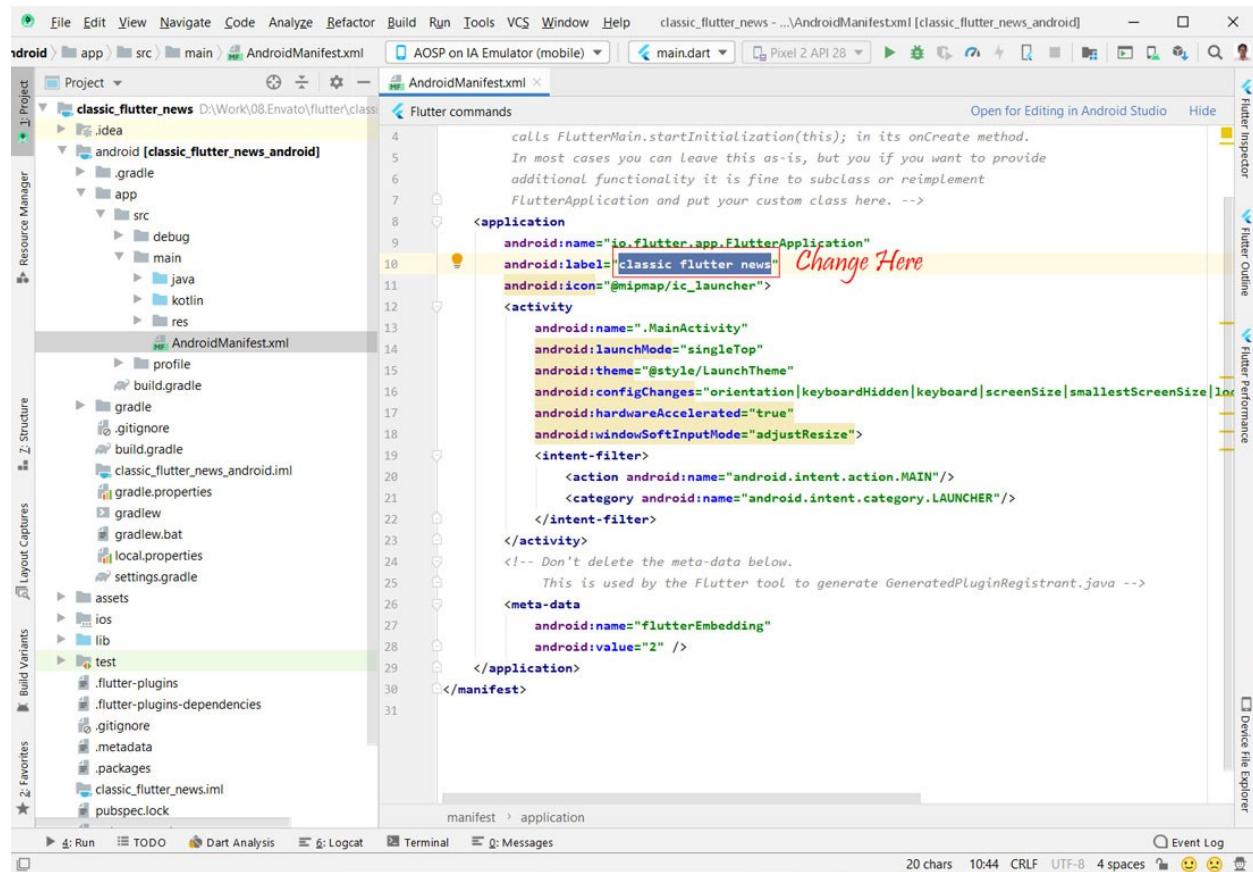
File > Open

Locate the path where you have unzipped your “Classic Flutter News” Project files.



Changing App Name

Open Android Manifest file to change “App Name”.

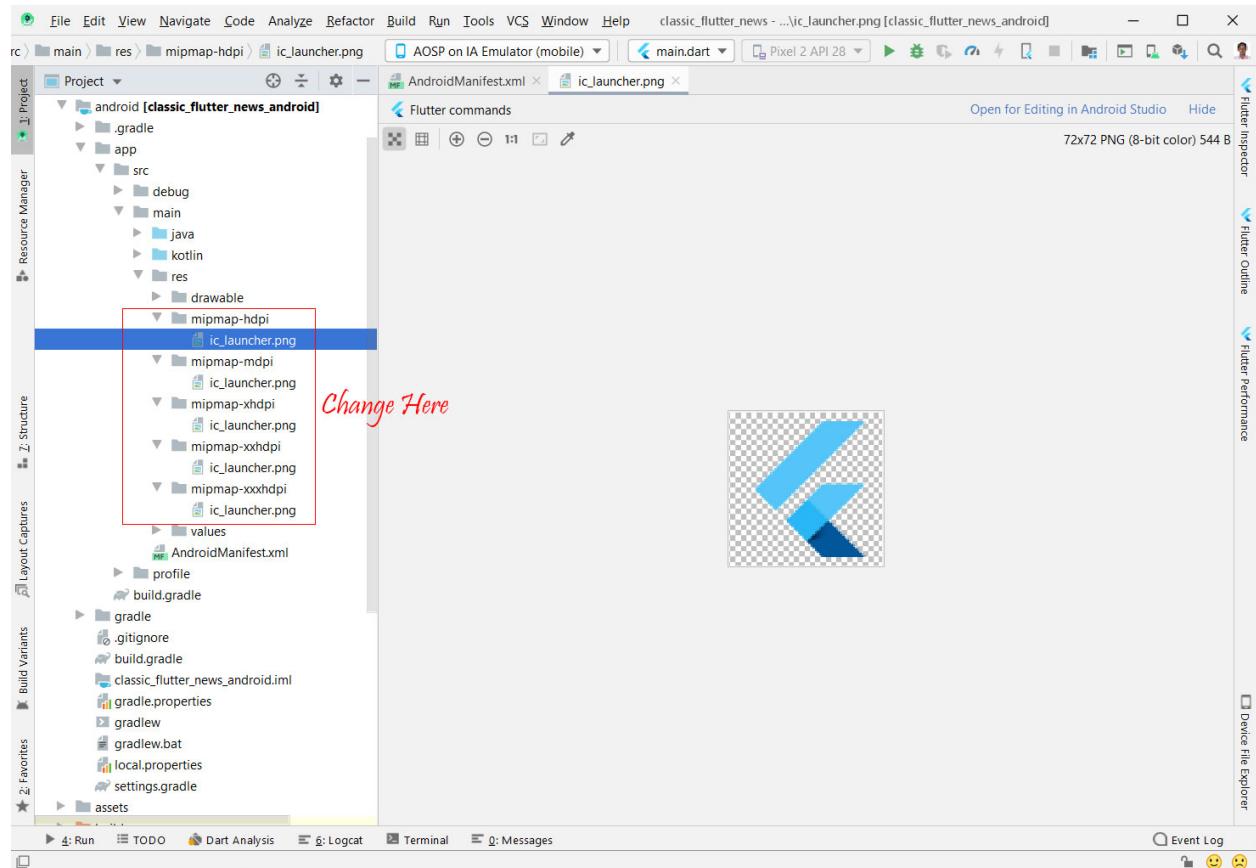


```
4     calls FlutterMain.startInitialization(this); in its onCreate method.
5     In most cases you can leave this as-is, but you if you want to provide
6     additional functionality it is fine to subclass or reimplement
7     FlutterApplication and put your custom class here. -->
8
9
10    <application
11        android:name="io.flutter.app.FlutterApplication"
12        android:label="classic flutter news" Change Here
13        android:icon="@mipmap/ic_launcher">
14            <activity
15                android:name=".MainActivity"
16                android:launchMode="singleTop"
17                android:theme="@style/LaunchTheme"
18                android:configChanges="orientation|keyboardHidden|keyboard|screenSize|smallestScreenSize|locale"
19                android:hardwareAccelerated="true"
20                android:windowSoftInputMode="adjustResize">
21                    <intent-filter>
22                        <action android:name="android.intent.action.MAIN"/>
23                        <category android:name="android.intent.category.LAUNCHER"/>
24                    </intent-filter>
25                </activity>
26                <!-- Don't delete the meta-data below.
27                    This is used by the Flutter tool to generate GeneratedPluginRegistrant.java -->
28            <meta-data
29                android:name="flutterEmbedding"
30                android:value="2" />
31        </application>
32    </manifest>
```

Changing App Icons

Android App Icon

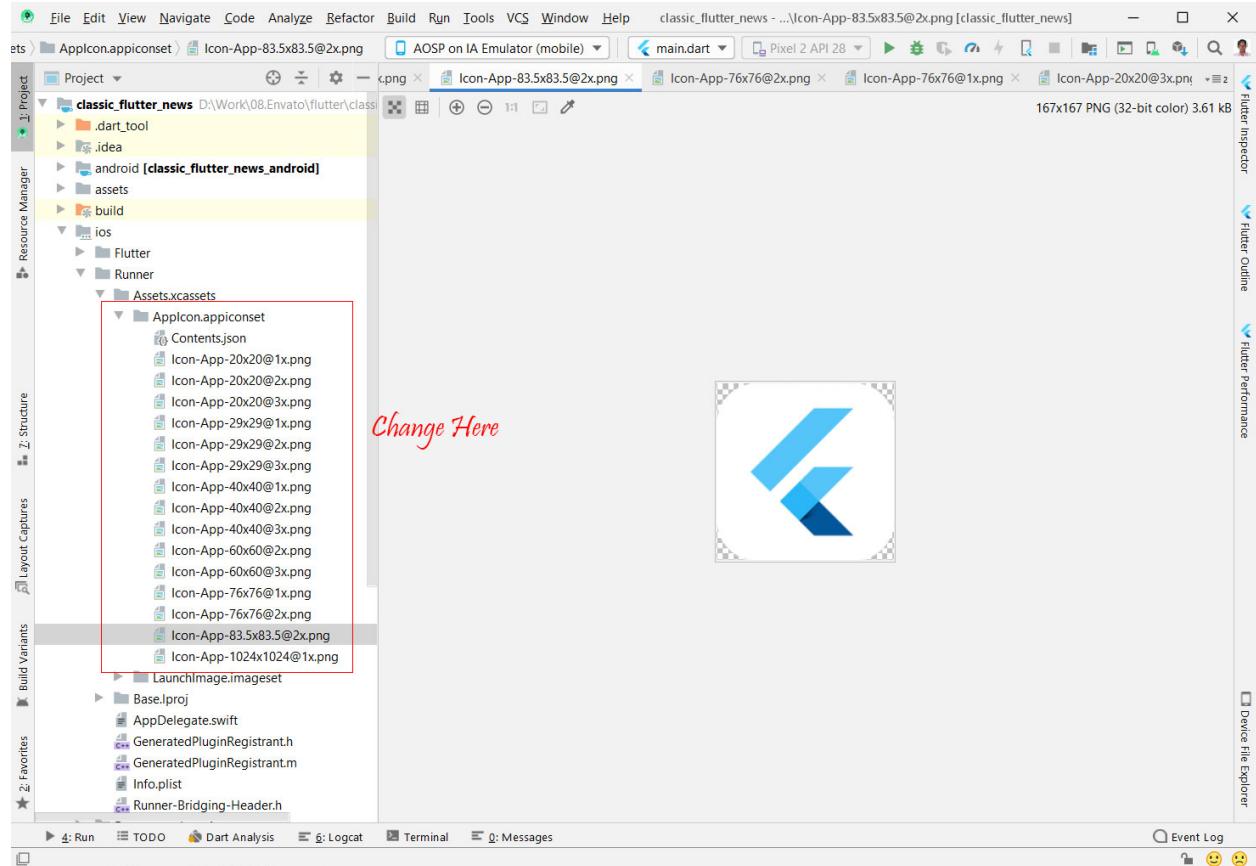
Open Android Resource Folder and change all the icons



iOS App Icon

Open iOS **AppIcon.appiconset** Folder and change all the icons

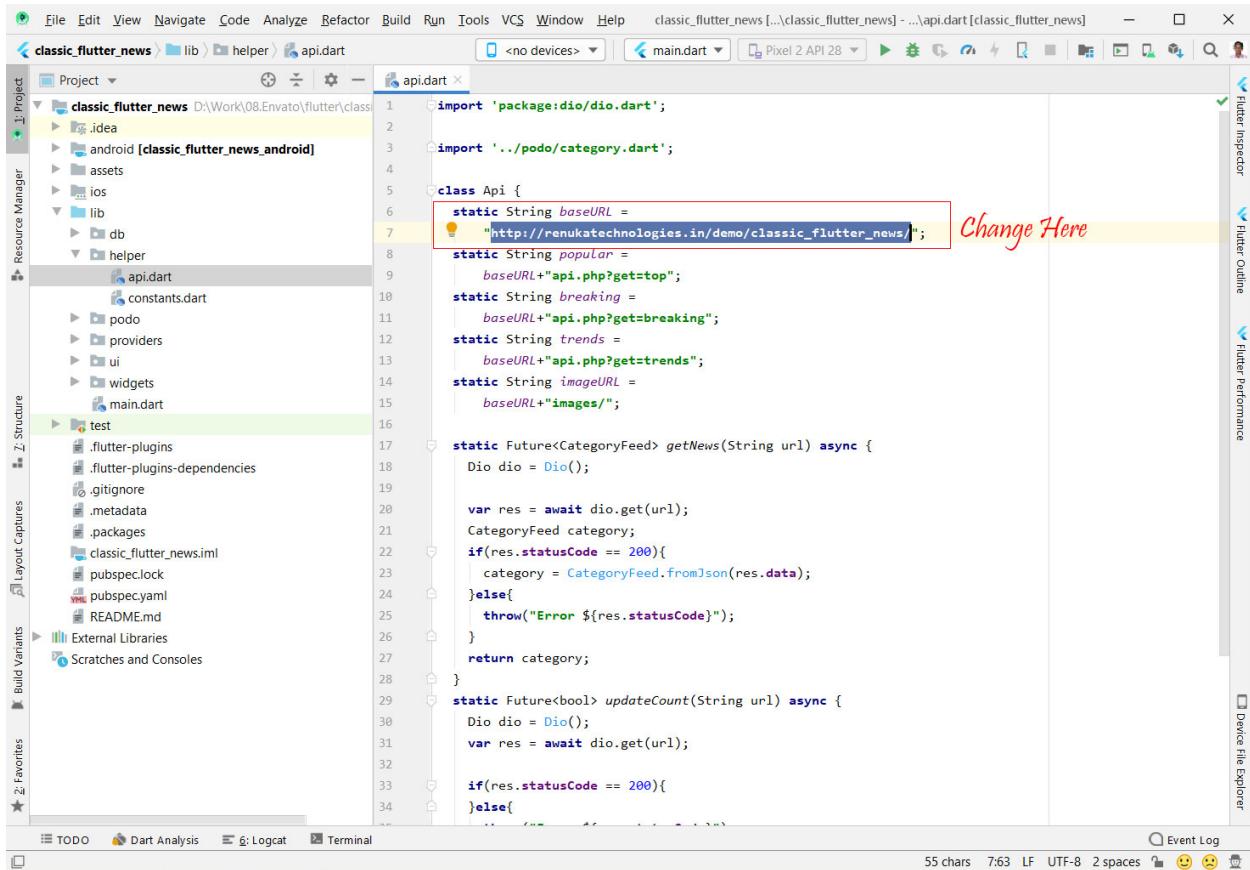
ios > Runner > Assets.xcassets > AppIcon.appiconset



Setup API Details

Open "api.dart" file and update **static String baseURL =“PATH_TO_ANADMIN_FOLDER”;**

lib > helper > api.dart



```
import 'package:dio/dio.dart';
import '../podo/category.dart';

class Api {
    static String baseURL =
        "http://renukatechnologies.in/demo/classic_flutter_news/";
    static String popular =
        baseURL+"api.php?get=top";
    static String breaking =
        baseURL+"api.php?get=breaking";
    static String trends =
        baseURL+"api.php?get=trends";
    static String imageURL =
        baseURL+"images/";

    static Future<CategoryFeed> getNews(String url) async {
        Dio dio = Dio();

        var res = await dio.get(url);
        CategoryFeed category;
        if(res.statusCode == 200){
            category = CategoryFeed.fromJson(res.data);
        }else{
            throw("Error ${res.statusCode}");
        }
        return category;
    }

    static Future<bool> updateCount(String url) async {
        Dio dio = Dio();
        var res = await dio.get(url);

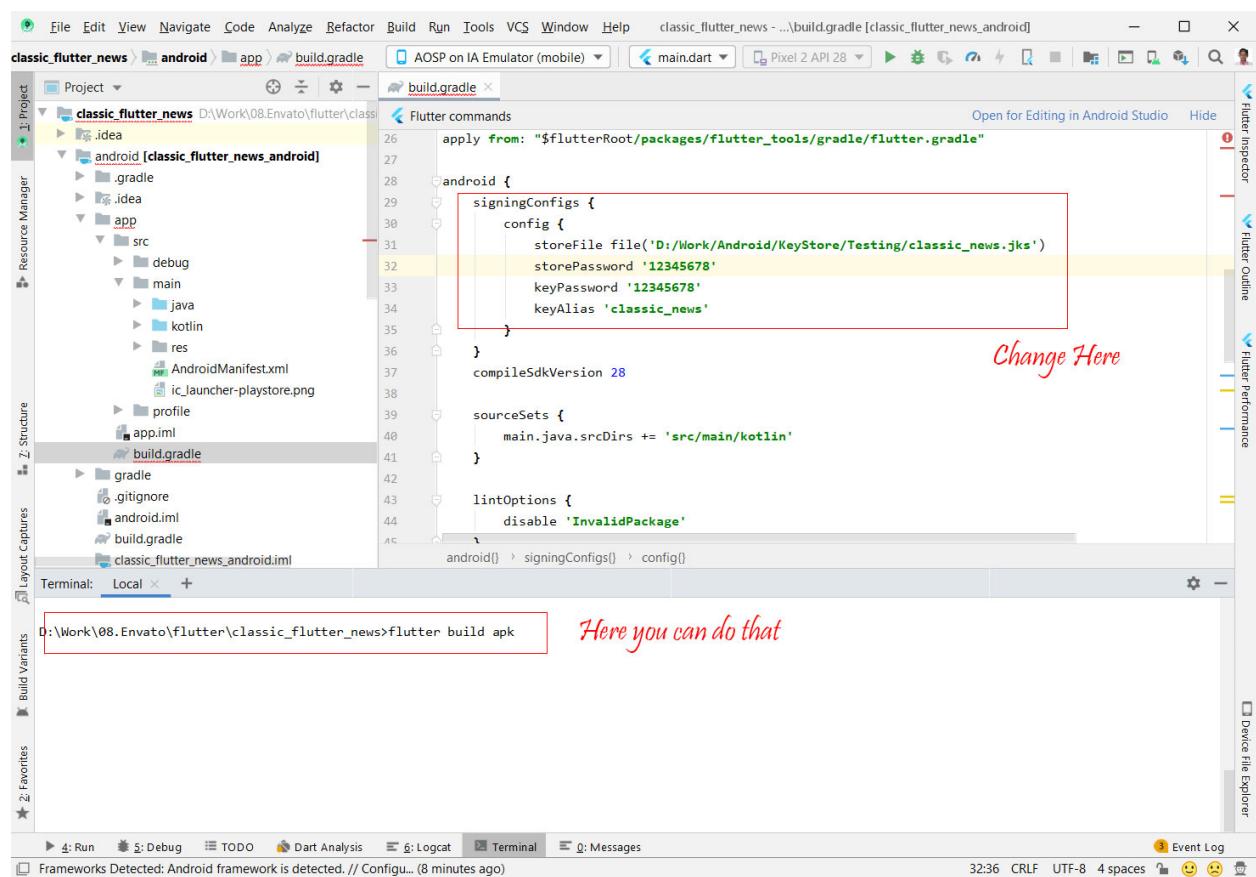
        if(res.statusCode == 200){
        }else{
        }
    }
}
```

Export your App as a .APK for Google Play

Configure signing for your app by editing the <app dir>/android/app/build.gradle file.

Change signing configuration info: with your Key, StorePassword, keyPassword and keyAlias

```
signingConfigs {  
    config {  
        storeFile file('D:/Work/Android/KeyStore/Testing/classic_news.jks')  
        storePassword '12345678'  
        keyPassword '12345678'  
        keyAlias 'classic_news'  
    }  
}
```



To build App Run - `flutter build apk` or `flutter build appbundle`.

More details <https://flutter.dev/docs/deployment/android>

Classic Flutter News – Server Setup

Create New Database

Login to your Hosting Server Control Panel and create new database

+ Create a New MySQL Database And Database User

MySQL database name	<input type="text" value="u893781721_"/>	Database Name
MySQL username	<input type="text" value="u893781721_"/>	Username
Password*	<input type="password" value=""/>	<input type="button" value=""/>
✓ Create		

Update Admin Credentials

Open SQL file. At the end you will find below code

```
--  
-- Dumping data for table tbl_admin  
--  
INSERT INTO tbl_admin VALUES  
(1, 'Unknown', 'unknown@example.com', 'ca8295bfd049a138a736012348e7a0', 'profile.png',  
'dd73854362f6e837ed3bdfaf46e4d', '1');
```

Change it

'Unknown' <- **Name of the admin**

'unknown@example.com' <- **Email of the admin**

'ca8295bfd049a138a736012348e7a0' <- **Password of the admin (md5 password)**

Generate php MD5 password here ... http://php.fnlist.com/crypt_hash/md5

Import Data to Database

Open newly created database with phpMyAdmin and click on “Import”.

Select database file and click on “Go” button.

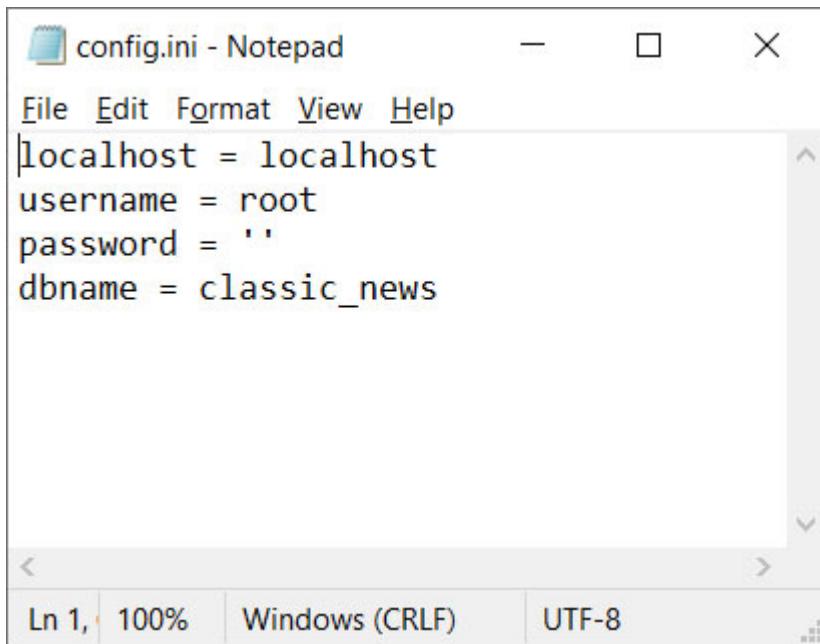
The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1:3306
- Database:** u893781721_classic_news
- Import Tab:** The "Import" tab is highlighted with a red box.
- File to import:** A text input field for selecting a file to import.
- Character set:** utf-8
- Partial import:**
 - Allow the interruption of an import in case the script detects it is close to the PHP timeout limit.
 - Skip this number of queries (for SQL) starting from the first one: 0
- Other options:**
 - Enable foreign key checks
- Format:** SQL
- Format-specific options:**
 - SQL compatibility mode: NONE
 - Do not use AUTO_INCREMENT for zero values
- Go Button:** A large red box highlights the "Go" button at the bottom left.

Setup Server

Go to the “**Server**” folder. Open **config.ini** file and update MySQL server details

(Host, user name, password and database name)



The screenshot shows a Windows Notepad window titled "config.ini - Notepad". The window contains the following configuration settings:

```
localhost = localhost
username = root
password = ''
dbname = classic_news
```

The Notepad interface includes standard menu options (File, Edit, Format, View, Help), a status bar at the bottom showing "Ln 1, 100% Windows (CRLF) UTF-8", and scroll bars on the right side.

Upload all the folder content data to your Hosting Server

Modify API Path

Open "api.php" and modify `$_path="YOUR_SERVER_PATH";`

File Edit View Insert Tools Find Site Window Help

Code Split Design ▾

api.php x

Source Code db.php

Dynamically-related files cannot be discovered because there is no site definition for this document. [Setup](#)

```
1 <?php
2 require_once('db.php');
3 $DB = new DB;
4 $_version = '1.0';
5 $_encoding = 'UTF-8';
6 $_catList= array();
7 $_newsList= array();
8 $path="http://renukatechnologies.in/demo/classic_flutter_news/"; Change Here
9 $_images=$path."images/";
10
11
12 if (isset($_GET['get'])) {
13
14     //get Top articles
15 if($_GET['get']=="top"){
16     $query = "SELECT P.id, P.news_title, P.news_cover_img, P.published_on, P.news_views, P.news_description, P.news_content, C.category_name
17         select group_concat(C.category_name SEPARATOR ',')
18         from tbl_category C
19         WHERE (LOCATE(CONCAT(' ',C.cid,' '), P.news_cat) > 0)
20 ) as categories
21 from tbl_news P WHERE featured=1 and status=1 Limit 5 ;" or die("SELECT Error: ".$DB->error());
22
23     $query_cat = "SELECT tc.category_name, cid, category_image, COUNT(tn.category_id) AS post_count from tbl_category tc
24         left join tbl_news_category tn ON tc.cid = tn.category_id WHERE tc.category_status='1' GROUP BY tn.category_id ORDER BY post_count DESC LIMIT 5;" or die("SELECT Error: ".$DB->error());
25
26     $news_check = $DB->select($query);
27 if ( count( $news_check ) > 0 ) {
28     foreach ( $news_check as $key => $get_info ) {
29         $newsList[$key]['id']= $get_info['id'];
30         $newsList[$key]['title']= $get_info['news_title'];
31         $newsList[$key]['category']= $get_info['category_name'];
32         $newsList[$key]['image']= $get_info['category_image'];
33     }
34 }
35 }
```

Great you have set all!