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Technology Used

- **ReactJS** with Typescript for Admin Panel
- **NodeJS** with Express Framework for API
- **MySQL** for Database

Please follow the below steps to set up the project on your server.

1. Setup the Database (Technology MySQL)

Database configuration could be set up through the admin panel.

Step 1: **Connect MYSQL Server**

For Accessing Admin use url

https://<YOUR_DOMAIN_NAME>/admin

- Add Database Host Name, Database User Name, Database Password, Database Port to connect with database.
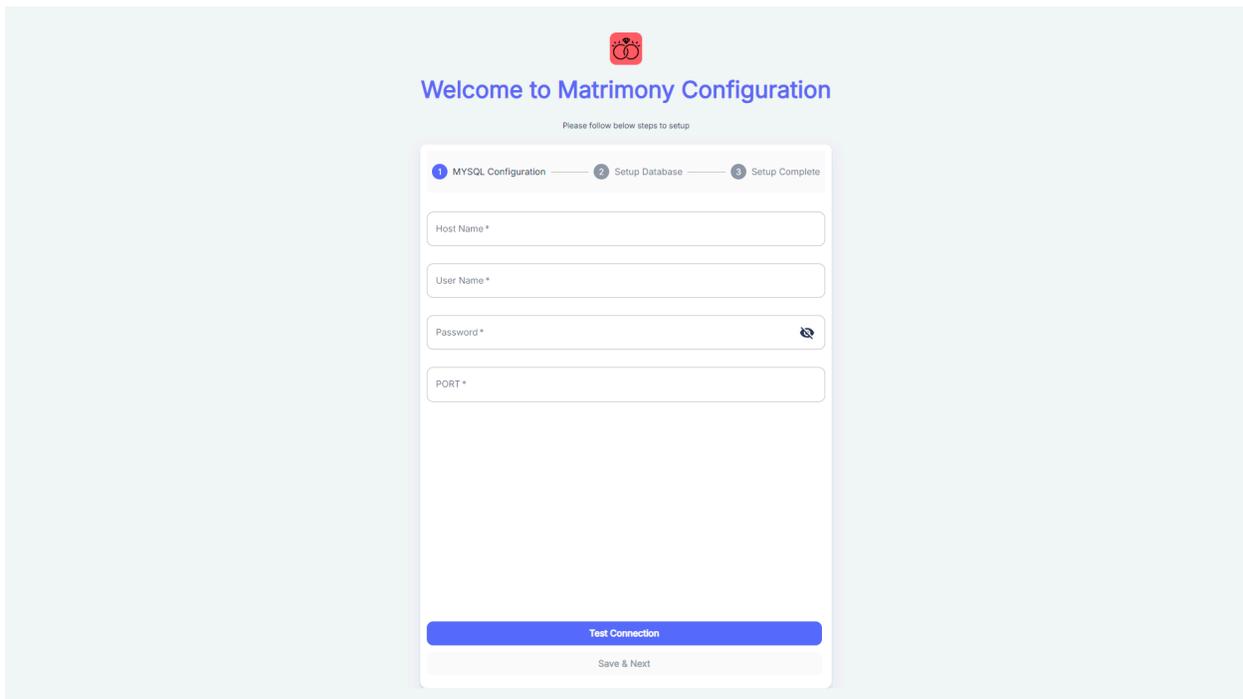
Step 2: Setup Database

- Add Database Name or select existing database if you already have the previous version.
- Select the checkbox if you wish to create a new database user..
- Select the checkbox if you wish to install masterData.
- Select the checkbox if you wish to install sampleData.
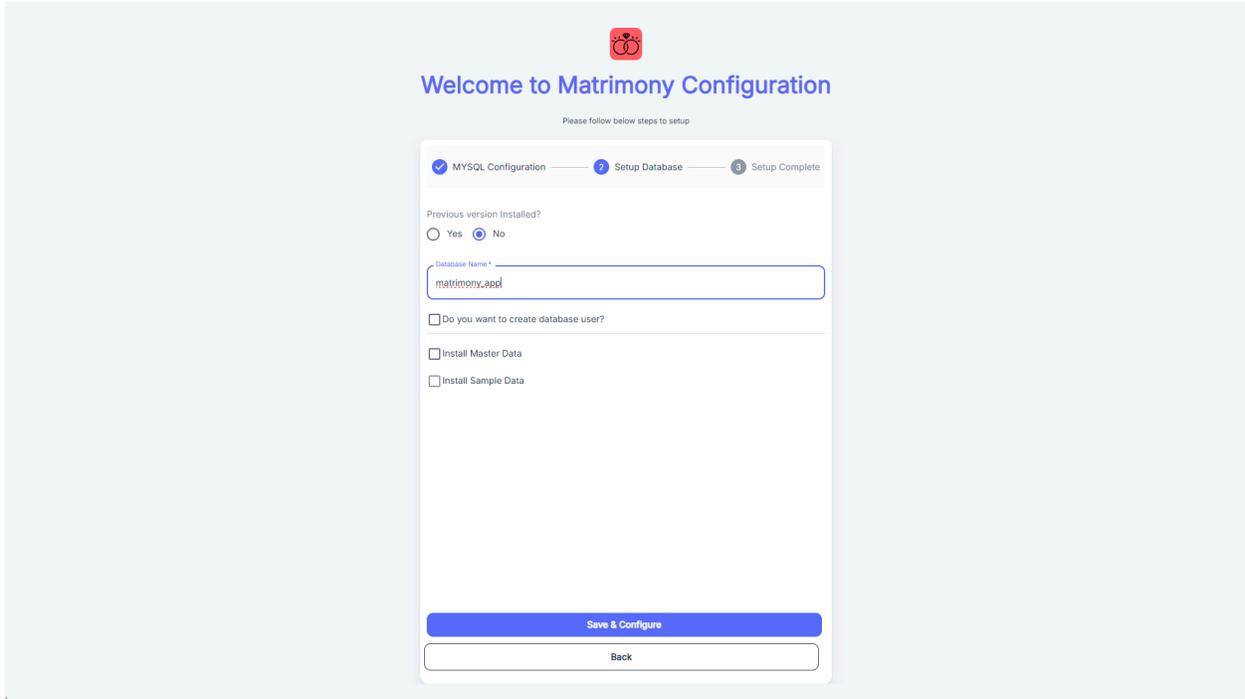
3. Success
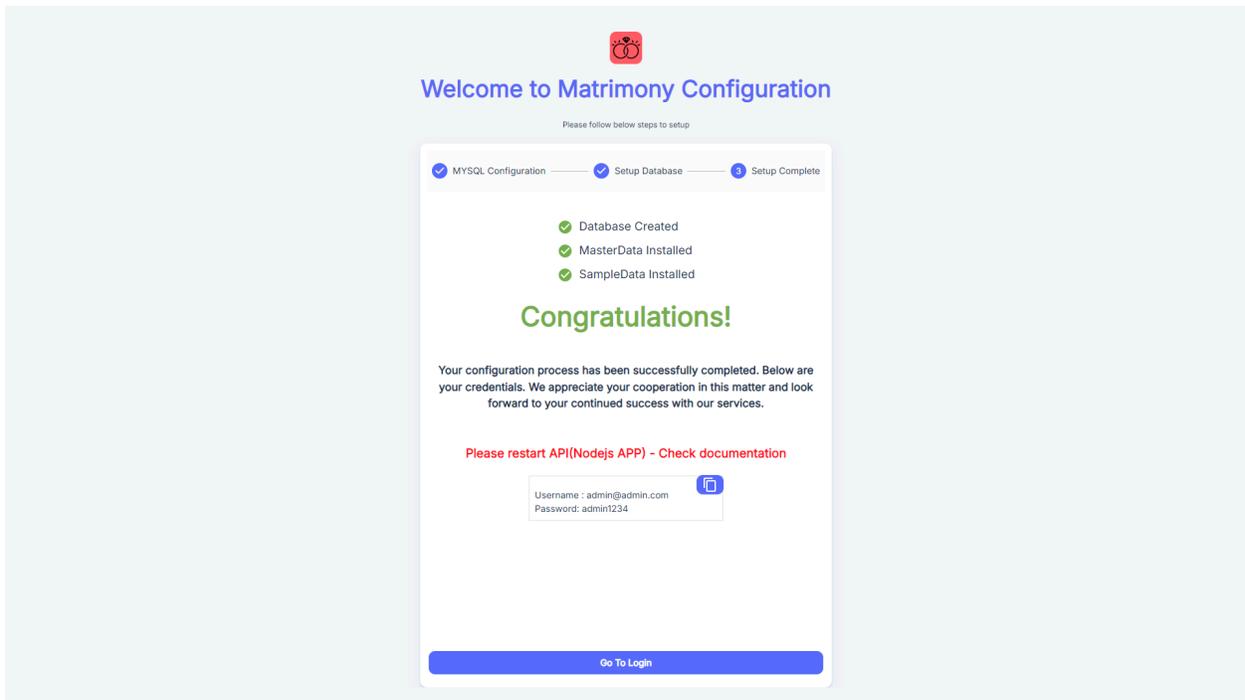
Note :- Please ensure to restart the API server after completing the database configuration step in the admin panel before proceeding with the login process.

2. **Setup the API, Admin Panel, Website** (Technology NodeJS,ReactJS)

Update MatrimonyCMS/matrimony-firebase-adminsdk.json file

```json
{
  "type": "<type>",
  "project_id": "<project_id>",
  "private_key_id": "<private_key_id>",
  "private_key": "<private_key>",
  "client_email": "<client_email>",
  "client_id": "<client_id>",
  "auth_uri": "<auth_uri>",
  "token_uri": "<token_uri>",
  "auth_provider_x509_cert_url": "<auth_provider_x509_cert_url>",
  "client_x509_cert_url": "<client_x509_cert_url>",
  "universe_domain": "<universe_domain>"
}
```

- Open the folder and upload it on your hosting server.

- Execute npm i command in server Terminal.

- For Accessing API use url

> **https://<YOUR_DOMAIN_NAME>/api**

- For Accessing Admin use url

> **https://<YOUR_DOMAIN_NAME>/admin**

- For Accessing API use url

https://<YOUR_DOMAIN_NAME>

A. **Setup Web App** (Technology Flutter)

1. Open   the
   MatrimonyCMS\build\Website\assets\assets\jsondata\variable.js on file in the editor Replace with your own parameters.

```
assets > assets > jsondata > {} variable.json > ...
  1   {
  2       "appName": "<YOUR-APP-NAME>",
  3       "apiBaseURL": "<YOUR-API-BASEURL>",
  4       "imageBaseurl":"<YOUR-API-IMAGEBASEURL>",
  5       "version": 1.0,
  6       "apiKeyForWeb": "Your key",
  7       "authDomainForWeb": "*Your Firebase Porject Id*.firebaseapp.com",
  8       "projectIdForWeb": "Your Firebase Porject Id",
  9       "storageBucketForWeb": "*Your Firebase Porject Id*.appspot.com",
 10       "messagingSenderIdForWeb": "Your message Sender Id",
 11       "appIdForWeb": "Your Firebase App Id",
 12       "measurementIdForWeb": "Your measurementId",
 13       "vapidKey":"Your vapidKey"
 14   }
```

2. Change Following Firebase keys In Following Path

   i.   PATH : Build/Website\firebase-messaging-sw.js

   ii.   Changeable Keys :

```
firebase.initializeApp({
  apiKey: "Your key",
  authDomain: "*Your Firebase Porject Id*.firebaseapp.com",
  projectId: "Your Firebase Porject Id",
  storageBucket: "*Your Firebase Porject Id*.appspot.com",
  messagingSenderId:"Your message Sender Id",
  appId: "Your Firebase App Id",
  measurementId: "Your measurementId",
});
```

3. Change Web Name & Firebase Parameters In Following Path
    i.   Path: Build/Website/index.html
    ii.   Change Your App Name

```
<!-- iOS meta tags & icons -->
<meta name="apple-mobile-web-app-capable" content="yes">
<meta name="apple-mobile-web-app-status-bar-style" content="black">
<meta name="apple-mobile-web-app-title" content="Matrimony">
<link rel="apple-touch-icon" href="icons/Icon-192.png">

<!-- Favicon -->
<link rel="icon" type="image/png" href="favicon.png" />

<title>Matrimony</title>
<link rel="manifest" href="manifest.json">
```

    iii.   Change Your Firebase Parameters

```
<script>
  const firebaseConfig = {
    apiKey: "Your key",
    authDomain: "*Your Firebase Porject Id*.firebaseapp.com",
    projectId: "Your Firebase Porject Id",
    storageBucket: "*Your Firebase Porject Id*.appspot.com",
    messagingSenderId:"Your message Sender Id",
    appId: "Your Firebase App Id",
    measurementId: "Your measurementId",
  };
  // Initialize Firebase
  firebase.initializeApp(firebaseConfig);

</script>
```

4. Change Website Icon:

   i.   Generate Icon From this URL:

           https://favicon.io/favicon-converter/

   ii.   Replace the icons in the Build\Website\icons folder as shown
           in the below image.
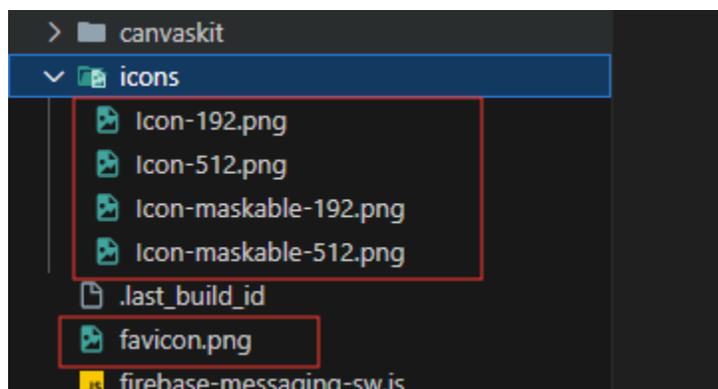
5. Upload the **Builds/Website** folder to your desired location

        i.

b. **Third-Party Integration**

c. Setup Agora

The Agora account is used the make a video call between 2 users in the mobile app.

i. Log in or sign up for the [Agora Console](#)
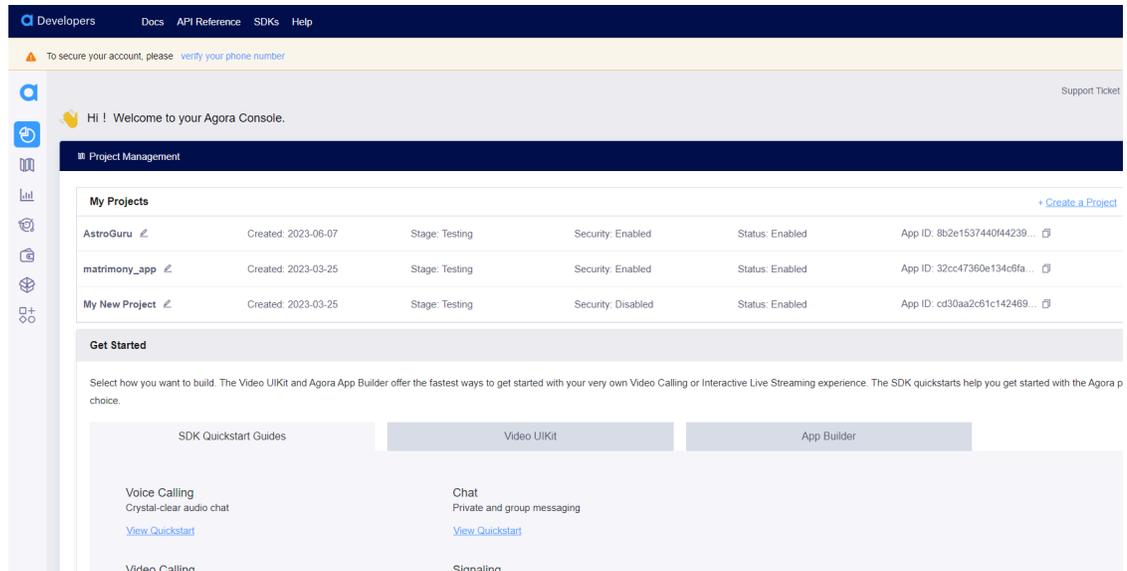
ii. Create Agora Project

1. From the side menu, Click on Project Management
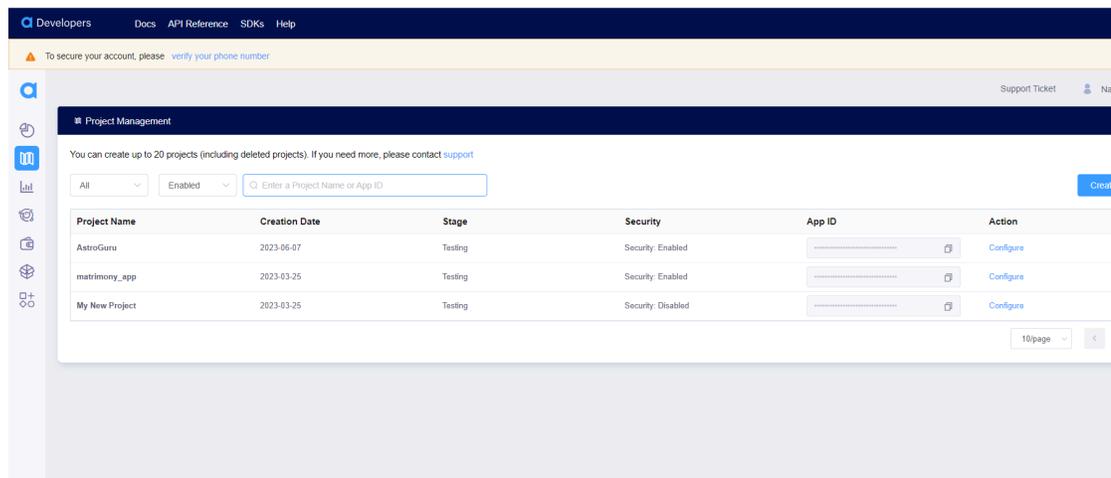
2. Click on Create a Project Button
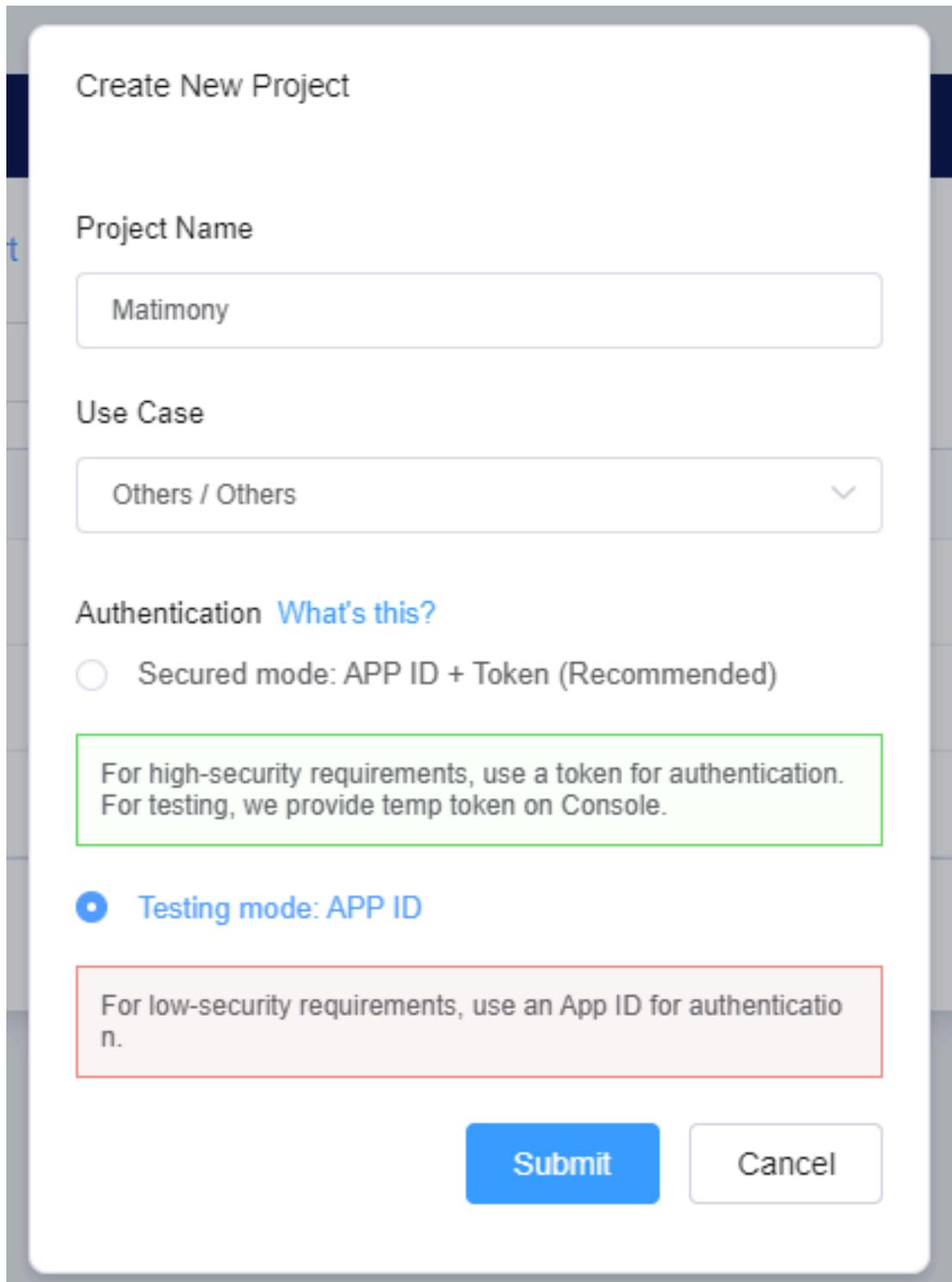
Create New Project

Project Name

Matimony

Use Case

Others / Others

Authentication What's this?

○ Secured mode: APP ID + Token (Recommended)

For high-security requirements, use a token for authentication.
For testing, we provide temp token on Console.

● Testing mode: APP ID

For low-security requirements, use an App ID for authenticatio
n.

Submit   Cancel

3. Give the project name select Other in Use Case and check
    Authentication in Testing Mode

iii. Config Project in Agora

4. Click on Configure button
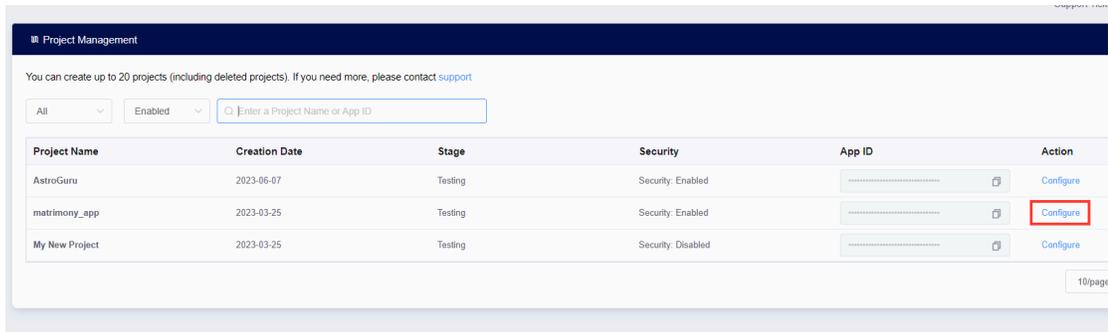
5. Enable primary certificate and Disable Secondary Certificate
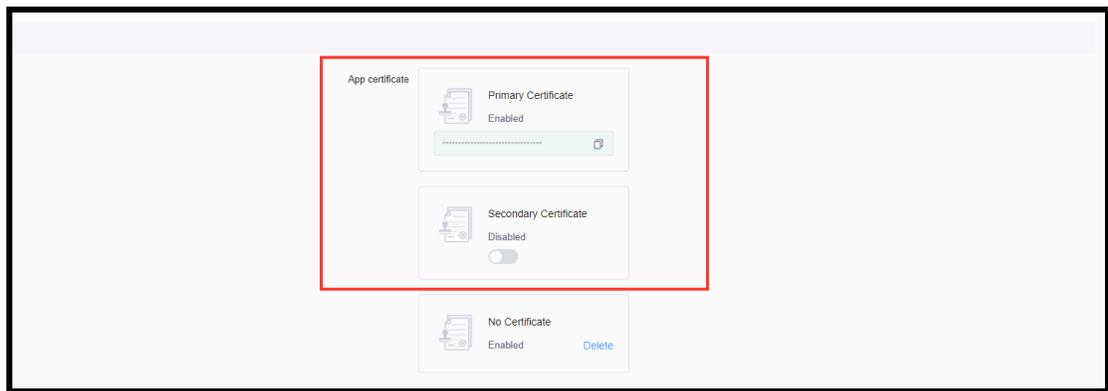
iv. After Successfully Deploying the Admin panel on live (after completing step 4), Login into the Admin Panel and change the Agora key on the live

v. Change your **Agora credentials** from the **Agora** tab on the **Setting page**
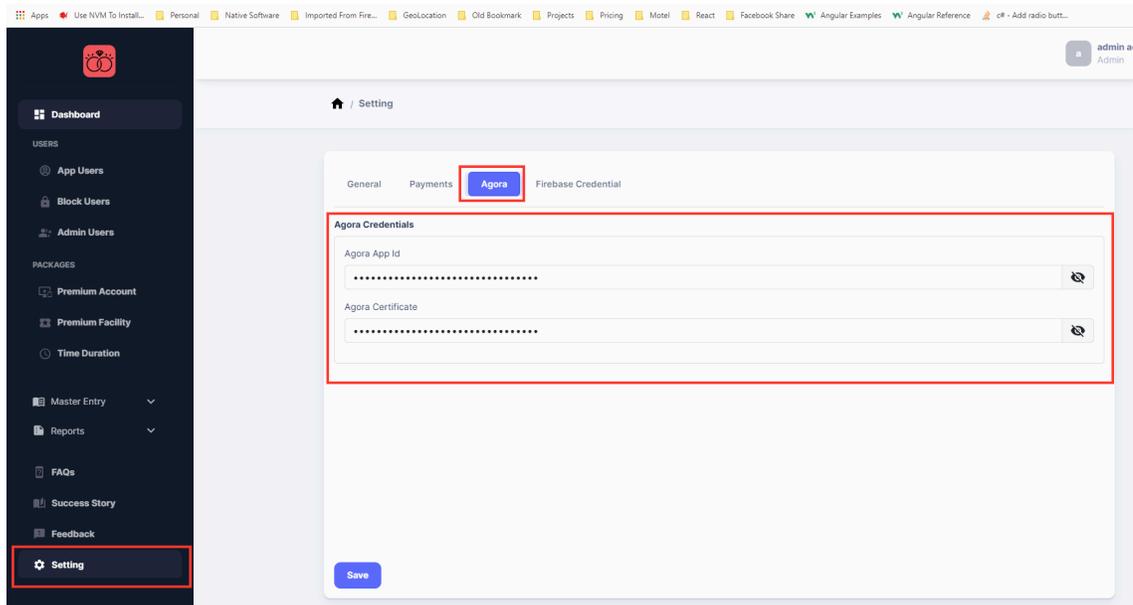
d. Razorpay Setup

    i. Setup RazorPay from this_link.

    ii. After generating Razorpay KeyId and Razorpay Secret Key from the link, Setup them in the admin panel.

    iii. In the **Admin Panel** Go to Master Entry from the menu and then click on the Payment Gateways, On this page change your credentials in the Razorpay Section.
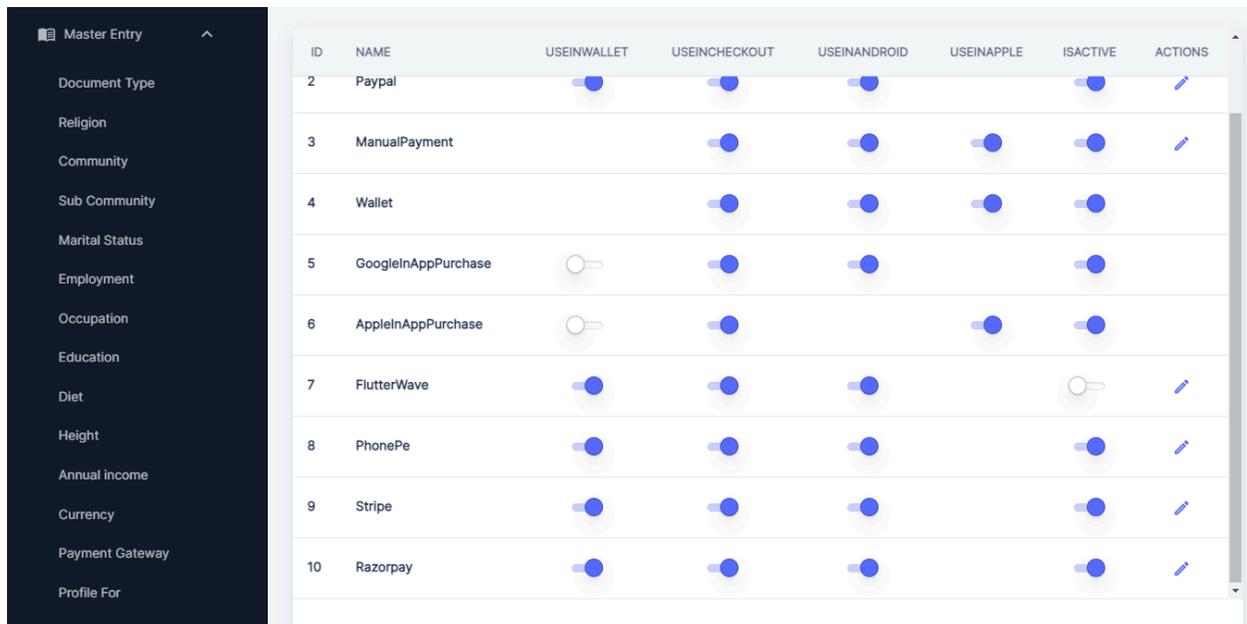
e. Stripe Setup

    i. Setup Stripe from this_link.

    ii. After generating the Stripe Secret key from the link, set it up in the admin panel.

    iii. In the **Admin Panel** Go to Master Entry from the menu and then click on the Payment Gateways, On this page change your credentials in the Stripe Section.

f. PhonePe Setup

    i. Setup PhonePe from this_link.

    ii. Add PhonePe MerchantId, Redirect Mode, Salt Key, Salt Index, and Environment Value from the link in the admin panel.

    iii. In the **Admin Panel** Go to Master Entry from the menu and then click on the Payment Gateways, On this page change your credentials in the PhonePe Section.

g. FlutterWave Setup

    i.   Set up FlutterWave from [this_link](#).

    ii. Add FlutterWave MerchantId, Publickey, Secretkey, and Encryption key from the link in the admin panel.

    iii. In the **Admin Panel** Go to Master Entry from the menu and then click on the Payment Gateways, On this page change your credentials in the FlutterWave Section.

USEFUL LINKS

- To set up NodeJS with Typescript from scratch you can use this link

- To set up MySQL database you can use this link

This document was last updated on 23 October 2024.