Name : Shreyas Naik
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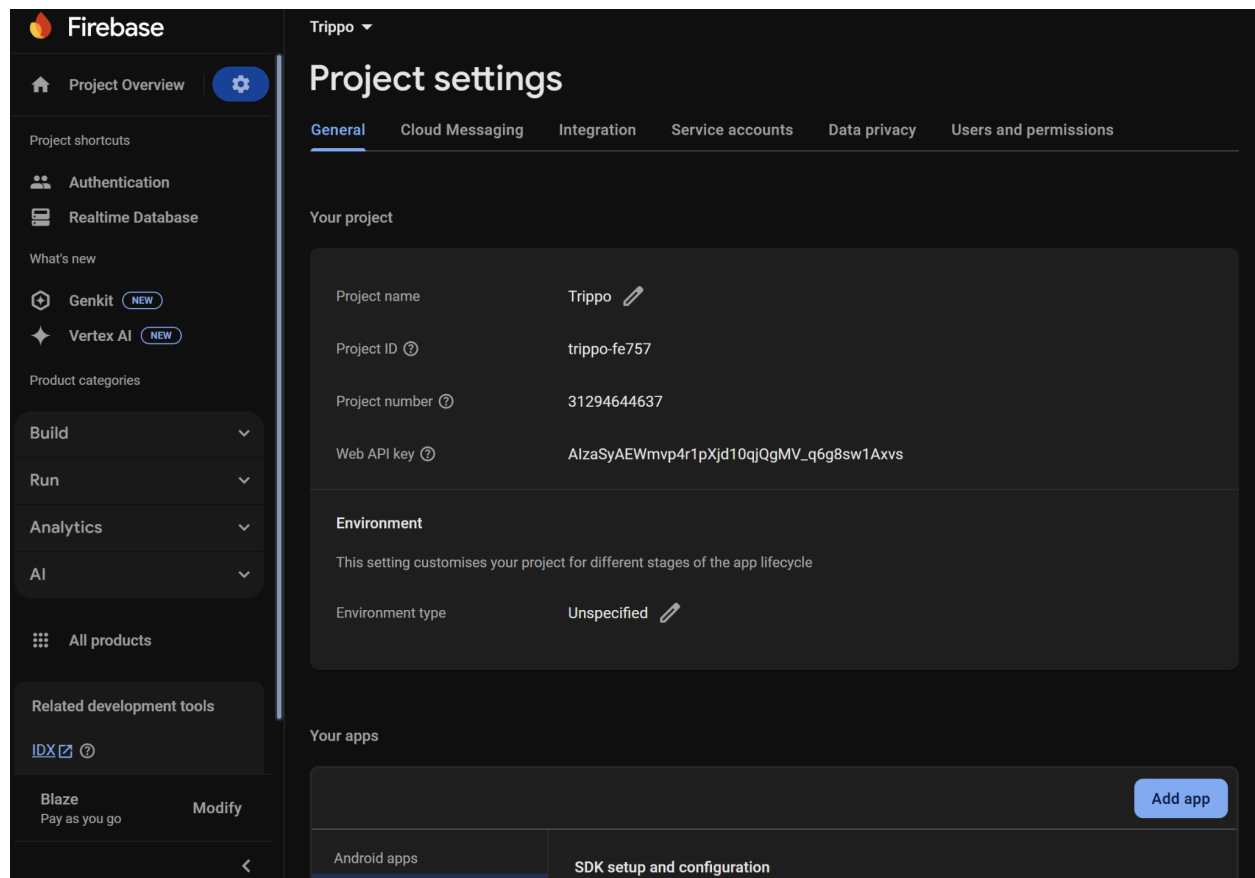

Experiment 6

AIM : How To Set Up Firebase with Flutter for iOS and Android Apps
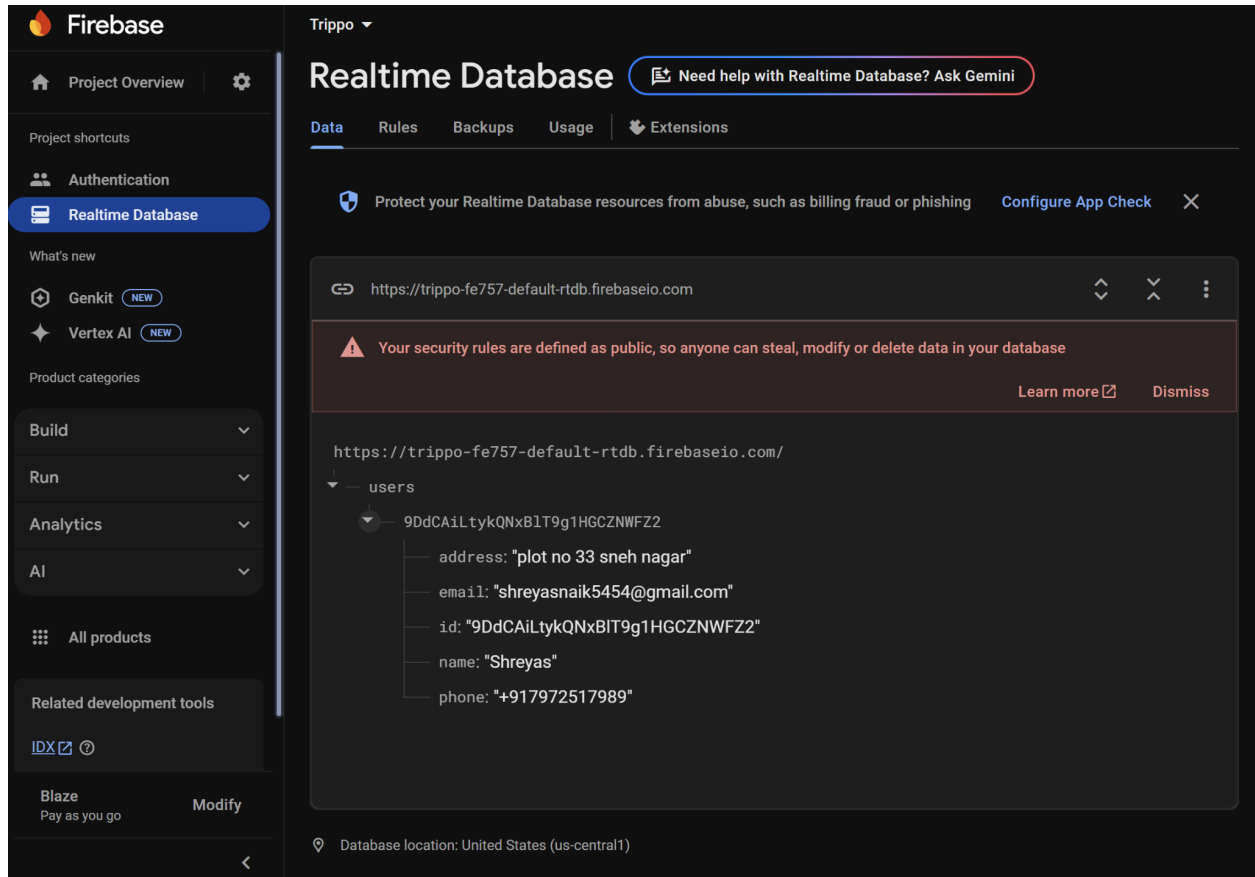
Code :
Add below code in main.dart file

```dart
void main() async {
  WidgetsFlutterBinding.ensureInitialized(); // Ensure Flutter is ready
  await Firebase.initializeApp(); // Initialize Firebase before runApp
  runApp(const MyApp()); // Only start app after Firebase is ready
}
```
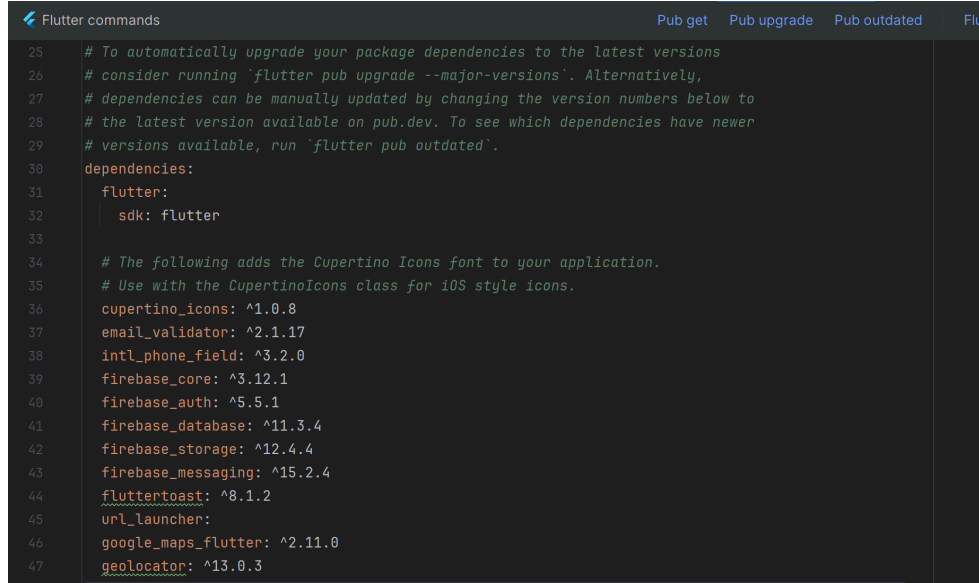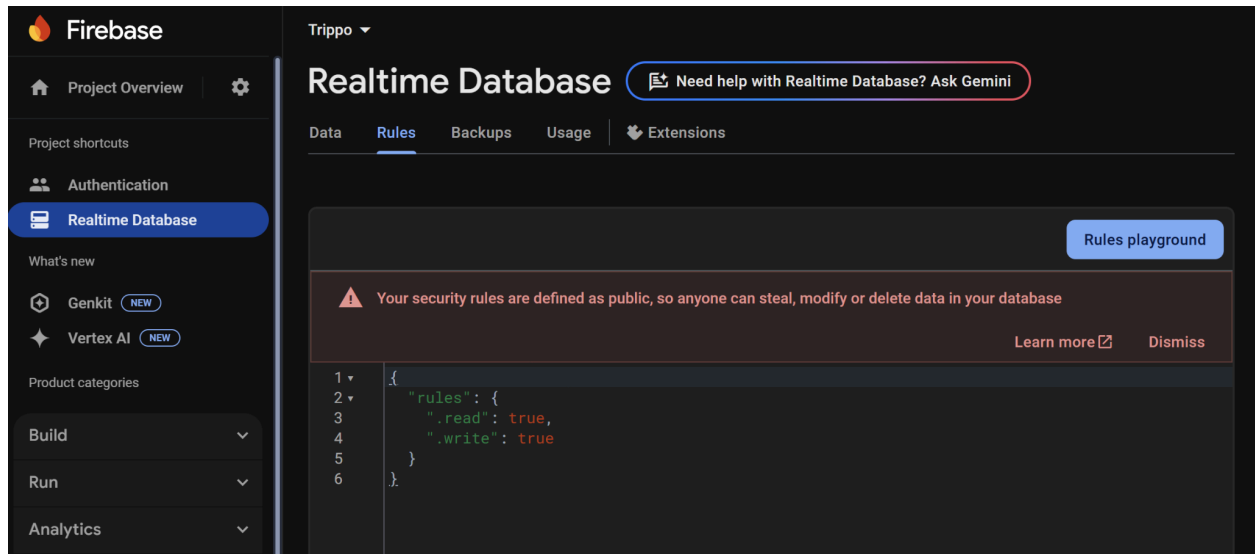
Create a realtime database

Download google-services.json file and place it in android/app folder in flutter app

Add required dependencies in pubspec.yaml file and run flutter pub get


```
25    # To automatically upgrade your package dependencies to the latest versions
26    # consider running `flutter pub upgrade --major-versions`. Alternatively,
27    # dependencies can be manually updated by changing the version numbers below to
28    # the latest version available on pub.dev. To see which dependencies have newer
29    # versions available, run `flutter pub outdated`.
30    dependencies:
31      flutter:
32        sdk: flutter
33
34      # The following adds the Cupertino Icons font to your application.
35      # Use with the CupertinoIcons class for iOS style icons.
36      cupertino_icons: ^1.0.8
37      email_validator: ^2.1.17
38      intl_phone_field: ^3.2.0
39      firebase_core: ^3.12.1
40      firebase_auth: ^5.5.1
41      firebase_database: ^11.3.4
42      firebase_storage: ^12.4.4
43      firebase_messaging: ^15.2.4
44      fluttertoast: ^8.1.2
45      url_launcher:
46      google_maps_flutter: ^2.11.0
47      geolocator: ^13.0.3
```

Make the read and write permissions to true