

MAD PWA LAB
EXP-05

AIM: To apply navigation, routing and gestures in Flutter App

CODE:

```
import 'package:chatmate/Screens/login.dart';
import 'package:flutter/material.dart';
import 'package:firebase_core/firebase_core.dart';
import 'firebase_options.dart';
void main()async {
  WidgetsFlutterBinding.ensureInitialized();
  await Firebase.initializeApp(
    options: DefaultFirebaseOptions.currentPlatform,
  );
  runApp(const MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return const MaterialApp(
      title: 'Flutter Demo',
      home: Login(),
    );
  }
}

// File generated by FlutterFire CLI.
// ignore_for_file: lines_longer_than_80_chars, avoid_classes_with_only_static_members
import 'package:firebase_core/firebase_core.dart' show FirebaseOptions;
import 'package:flutter/foundation.dart'
  show defaultTargetPlatform, kIsWeb, TargetPlatform;

/// Default [FirebaseOptions] for use with your Firebase apps.
///
/// Example:
/// ```dart
/// import 'firebase_options.dart';
/// // ...
/// await Firebase.initializeApp(
///   options: DefaultFirebaseOptions.currentPlatform,
/// );
```

```

/// ```
class DefaultFirebaseOptions {
  static FirebaseOptions get currentPlatform {
    if (kIsWeb) {
      return web;
    }
    switch (defaultTargetPlatform) {
      case TargetPlatform.android:
        return android;
      case TargetPlatform.iOS:
        return ios;
      case TargetPlatform.macOS:
        return macos;
      case TargetPlatform.windows:
        throw UnsupportedError(
          'DefaultFirebaseOptions have not been configured for windows - '
          'you can reconfigure this by running the FlutterFire CLI again.',
        );
      case TargetPlatform.linux:
        throw UnsupportedError(
          'DefaultFirebaseOptions have not been configured for linux - '
          'you can reconfigure this by running the FlutterFire CLI again.',
        );
      default:
        throw UnsupportedError(
          'DefaultFirebaseOptions are not supported for this platform.',
        );
    }
  }
}

```

```

static const FirebaseOptions web = FirebaseOptions(
  apiKey: 'AlzaSyCA5cUyF7BIJo19k3iD_2GbukMlojc8iVA',
  appld: '1:202279690454:web:ec56a8a317e72e444f6977',
  messagingSenderId: '202279690454',
  projectId: 'chatmate-7761d',
  authDomain: 'chatmate-7761d.firebaseio.com',
  storageBucket: 'chatmate-7761d.appspot.com',
  measurementId: 'G-V5PGJ3QCN9',
);

```

```

static const FirebaseOptions android = FirebaseOptions(
  apiKey: 'AlzaSyDxDXmyQ8SF3V5afBpdXLIng6kQdKNjnvE',
  appld: '1:202279690454:android:fd99ddf3bffb3df44f6977',
  messagingSenderId: '202279690454',
);

```

```
projectId: 'chatmate-7761d',
storageBucket: 'chatmate-7761d.appspot.com',
);

static const FirebaseOptions ios = FirebaseOptions(
  apiKey: 'AlzaSyDToNik9eqMAiAkr6_oNG17DiCi6FHTog',
  appld: '1:202279690454:ios:9507f6b3b233f1434f6977',
  messagingSenderId: '202279690454',
  projectId: 'chatmate-7761d',
  storageBucket: 'chatmate-7761d.appspot.com',
  iosBundleId: 'com.example.chatmate',
);

static const FirebaseOptions macos = FirebaseOptions(
  apiKey: 'AlzaSyDToNik9eqMAiAkr6_oNG17DiCi6FHTog',
  appld: '1:202279690454:ios:55dedd222f6a01614f6977',
  messagingSenderId: '202279690454',
  projectId: 'chatmate-7761d',
  storageBucket: 'chatmate-7761d.appspot.com',
  iosBundleId: 'com.example.chatmate.RunnerTests',
);
}
```

OUTPUT:





