Experiment no:5

```dart
import 'package:flutter/material.dart';
import 'package:firebase_core/firebase_core.dart';
import 'package:firebase_auth/firebase_auth.dart';
import 'package:sub/pages/signup_screen.dart';


// Import screens with correct paths
import 'pages/login_screen.dart';
import 'pages/signup_screen.dart';
import 'pages/home_screen.dart';
import 'pages/splash_screen.dart';
import 'firebase_options.dart';

void main() async {
  WidgetsFlutterBinding.ensureInitialized();
  await Firebase.initializeApp(
    options: DefaultFirebaseOptions.currentPlatform,
  );
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Track It',
      debugShowCheckedModeBanner: false,
      theme: ThemeData(
        primarySwatch: Colors.orange,
        scaffoldBackgroundColor: Colors.black,
        visualDensity: VisualDensity.adaptivePlatformDensity,
      ),
      home: SplashScreen(),
```

```dart
    routes: {
      '/login': (context) => LoginScreen(),
      '/signup': (context) => SignupScreen(),
      '/home': (context) => HomePage(),
      '/splash': (context) => SplashScreen(),
    },
   );
 }
}

// Auth wrapper to check if user is logged in
class AuthWrapper extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return StreamBuilder<User?>(
     stream: FirebaseAuth.instance.authStateChanges(),
     builder: (context, snapshot) {
      if (snapshot.connectionState == ConnectionState.active) {
        User? user = snapshot.data;
        return user == null ? LoginScreen() : HomePage();
       }
       return Scaffold(
         backgroundColor: Colors.black,
         body: Center(
           child: CircularProgressIndicator(color: Colors.orange),
         ),
       );
     },
   );
 }
}
```

Track It

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