A Real-Time Chat And Communication App

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# Integrating Firebase:

**Step 1: Set up Firebase Project:**

* Go to the [Firebase

Console](https://console.firebase.google.com/).

* Click “Add project” and follow the steps to create a new Firebase project.
* Once created, navigate to the “Project Overview” page in the Firebase Console.

# Step 2: Add Firebase to Your Android Project:

* In the Firebase Console, click on the “Android icon” to add Firebase to your Android app.
* Register your app by entering your “Android package

name”(found in `AndroidManifest.xml`) and optionally, the app’s “nickname”.

# Step 3: Configure Firebase SDK in Android Studio:

* In “Android Studio”, open your project and ensure you have the Firebase SDK dependencies in place.
* Modify your `project-level build.gradle’ file to include the Google services plugin:

# Step 4: Sync the Project:

Click “Sync Now” in the bar that appears at the top of the file to sync your project with Firebase.

# Step 5: Use Firebase Features:

Now, you can use other Firebase features like Firestore, Firebase Authentication, Realtime Database, etc., by adding the respective

Firebase dependencies and following their integration steps.

**Screen Shots:**

