Android Development Project

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# Teachly (Class Management)

This app will be the port of entry for communication between teachers and students. This is not a school management app, but for private tutors to create classes for themselves.

The teacher will be able to send not just messages, but post assignments, notes, exams, field trips, etc.

Students will be able to check all the information.

We would also want to develop some interaction between students and teachers (messaging).

## App’s name

Teachly

## Slogan

Teachly: Redefining Education, Connecting Minds.

## Logo

A blue background with white text

Description automatically generated

## Brand Colors

A two phones with a screen

Description automatically generated with medium confidence

Views:

1. Splash Screen
2. Login Screen
   1. Login
   2. Forget password
   3. Sign Up
3. Teacher Home
   1. List of classes
      1. Create class (button)
      2. Go check class
   2. Menu
      1. Edit Profile
      2. Manage classes
      3. Logoff
4. Class Page (Teacher)
   1. Tab Students
      1. List of Students from this class
         1. Delete
      2. Add new Student
         1. Add existing Student
         2. Invite new Student
   2. Tab Activities
      1. List of Activities for this class
         1. Edit
         2. Delete
      2. Add new Activity
         1. Date/Time
         2. Title
         3. Description
         4. Type
   3. Tab Chat
      1. Talk to the whole class
      2. Talk to an individual student
5. Student Home
   1. List of classes
      1. Go check class
      2. Search new tutors
      3. Drop class
   2. Menu
      1. Edit Profile
      2. Logoff
6. Class Page (Student)
   1. List Activities
      1. Filter activity
      2. Order activity by type, date, time
      3. Check activity
   2. Tab Chat
      1. Talk to the whole class
      2. Talk to the teacher individually

## APIs

For this app, we can use these APIs:

* Firebase Realtime Database
* SMSManager (Built-in API)