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**GitHub Username**: ersin-ertan

# Yet Another Android Twitter Client

## Description

YAATC is a mobile app that offers you the fundamentals of the twitter world. While being open source, this app serves as prospect of best practices in android development; utilizing data-binding, dependency injection, and even some Rx!

# Intended User

The user base could be two polar opposites, one as a person who is new to the tech/twitter scene and requires a simple, clean, and easy to use interface. And the other is a developer who would like to have a tangible app to interact with along with the code to how it works.

# Features

- Open source
- Twitter picture and text tweeting capabilities
- Material designs

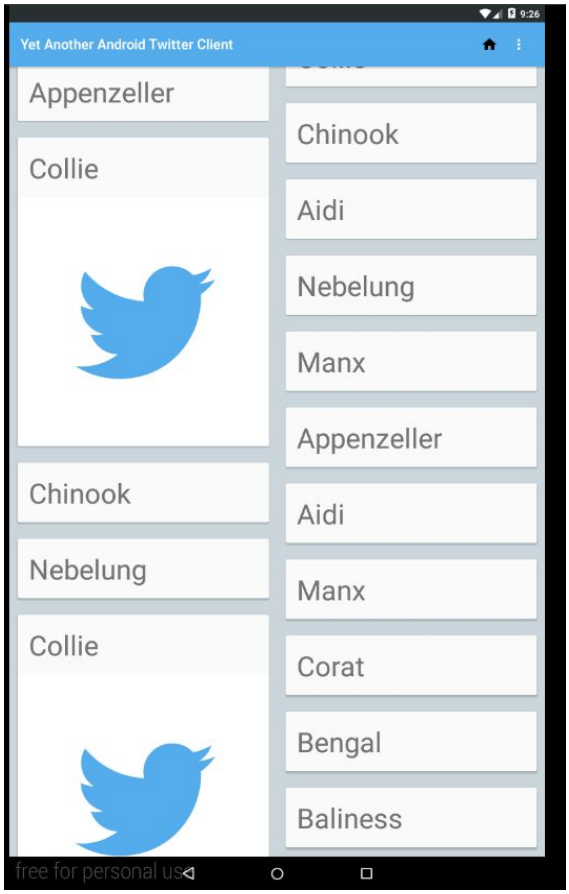
# User Interface Mocks

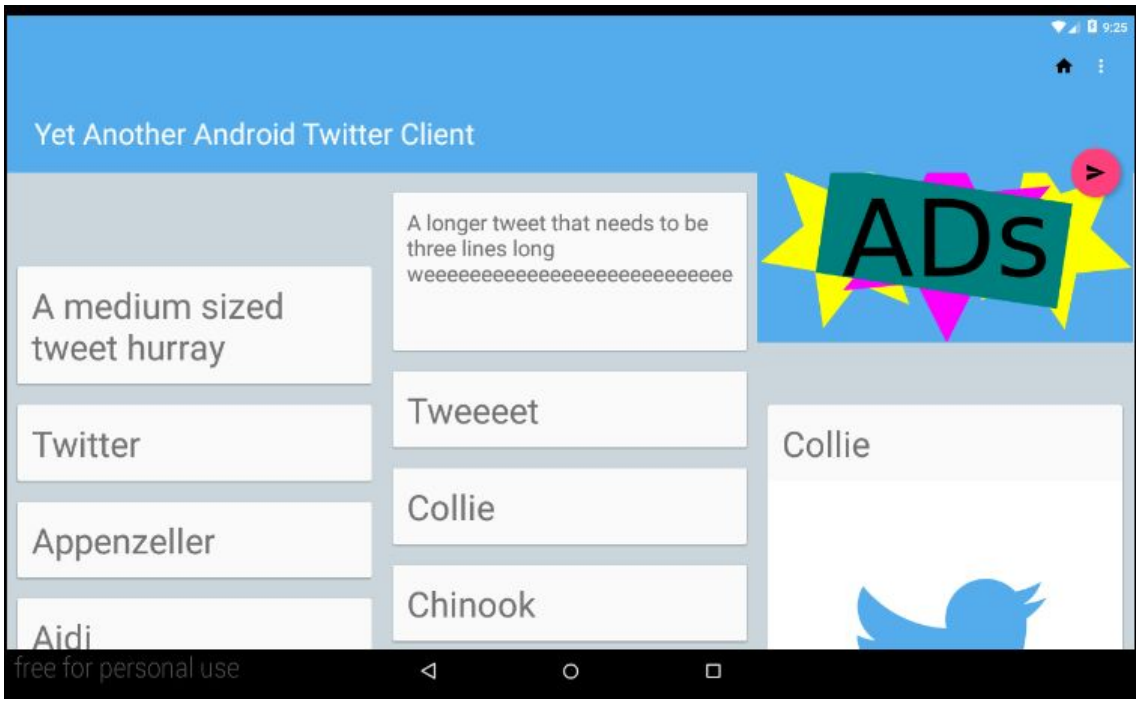
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

## Screen 1


First login screen, unobtrusive and direct with intent. Does not appear if logged in/authenticated.

## Screen 2


Yet Another Android Twitter Client
Appenzeller
Collie
Chinook
Nebelung
Collie
Chinook
Aidi
Nebelung
Manx
Appenzeller
Aidi
Manx
Corat
Bengal
Baliness
free for personal use


Yet Another Android Twitter Client
A medium sized tweet hurray
Twitter
Appenzeller
Aidi
A longer tweet that needs to be three lines long
weeeeeeeeeeeeeeeeeeeeeeeeee
Tweeeet
Collie
Chinook
ADs
Collie
free for personal use

Feed screen providing the recent tweets and the ability to tweet out.

# Key Considerations

### How will your app handle data persistence?

Data persistence will be via a third party database provider with android bindings abstracting out the sql.

### Describe any corner cases in the UX.

If a tweet is being made and the user accidentally click off the focus screen the tweet is lost.

### Describe any libraries you'll be using and share your reasoning for including them.

Glide for fast image loading and caching, twitter sdk for twitter login and integration or just plain rest calls with with retrofit. Dagger 2 for dependency inject/hierarchical object instantiation. Android data binding for view-model to view data presentation and view specific separations. RxJava/Android for event propagation to components.

# Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

## Task 1: Project Setup

Plan project architecture, separate api, domain, data, view, navigation, presentation file structure. Search for libraries to fulfill details both large and specific to ux/ui of app.

## Task 2: Implement UI for Each Activity and Fragment

- Project will be composed of one activity, two if there is a good reason to
- Each fragment will be a new component(screen)
- Navigation will be via a navigator, injected to the activities and fragments
- Activity and fragment code for ui will be in related presenter/view model and view components

## Task 3: Your Next Task

- Ensure that ui flow is correct and implement logic to drive domain actions, such as smooth scrolling, tweet box dialog, input limitation

## Task 4: Your Next Task

Implement the sdk and verify login authorization and tweet capabilities with text tweets and image + text based tweets, ensure incoming notifications are propagated to the ui

- Create layout
- Something else

## Task 5: Profit

- Manual test and/or ad analytics integration points, perhaps with integration

Add as many tasks as you need to complete your app.

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