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**GitHub Username**: Your GitHub username here

# TigerDroid

## Description

A clean Twitter client for users who want an uncongested experience.

Not sure how to write a good description? Search 5-star apps on the Play Store for inspiration.

## Intended User

For Twitter users who are unsatisfied with with Twitter's first party client

## Features

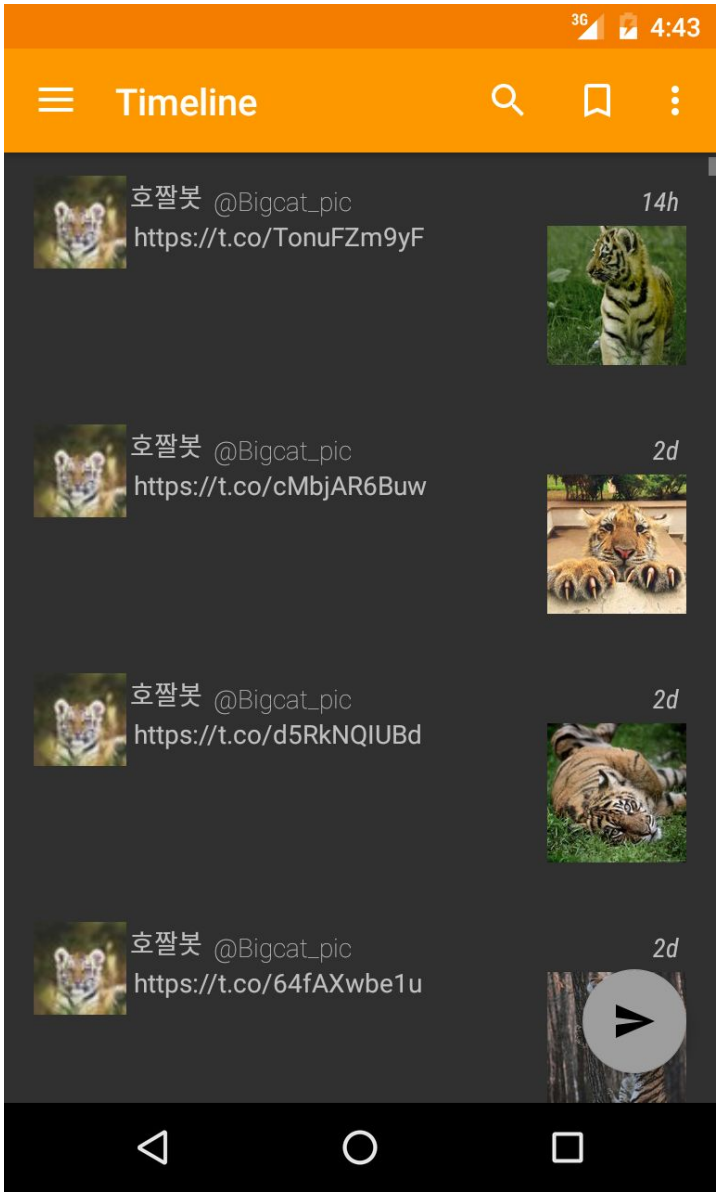
The main features include:

- A constantly updating user timeline
- A complete implementation of tweeting
- Notifications for all relevant twitter data, such as unread mentions, and tweets.

## User Interface Mocks

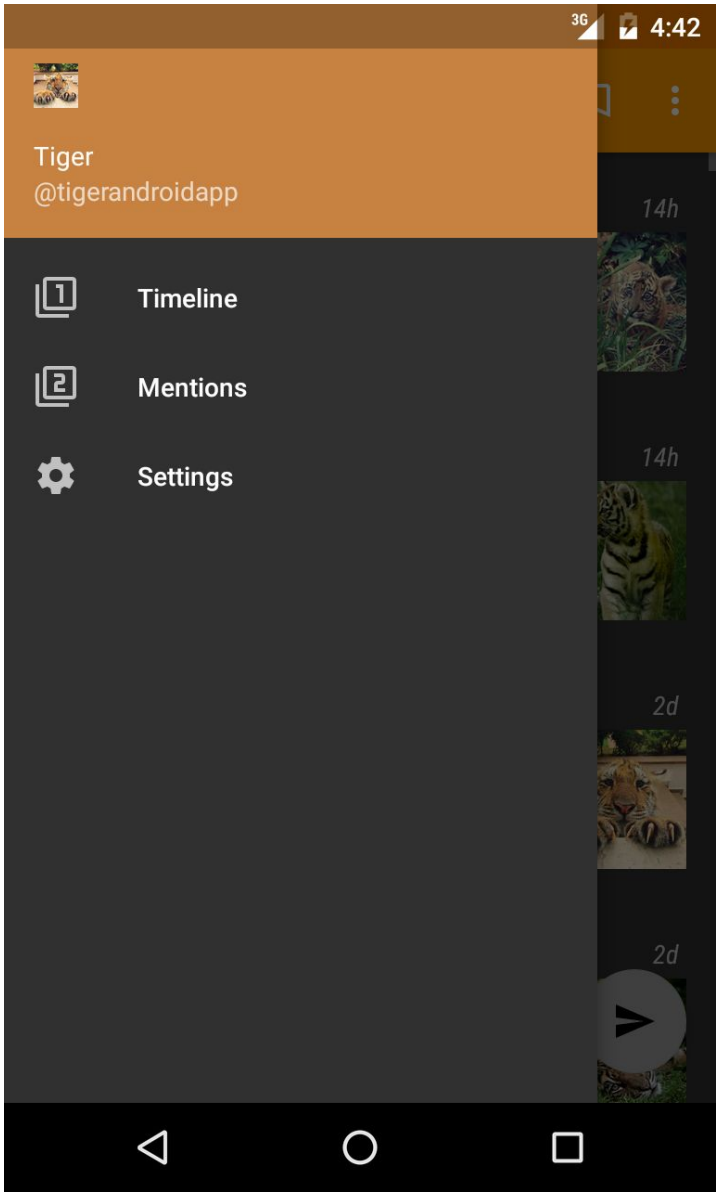
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

## Screen 1



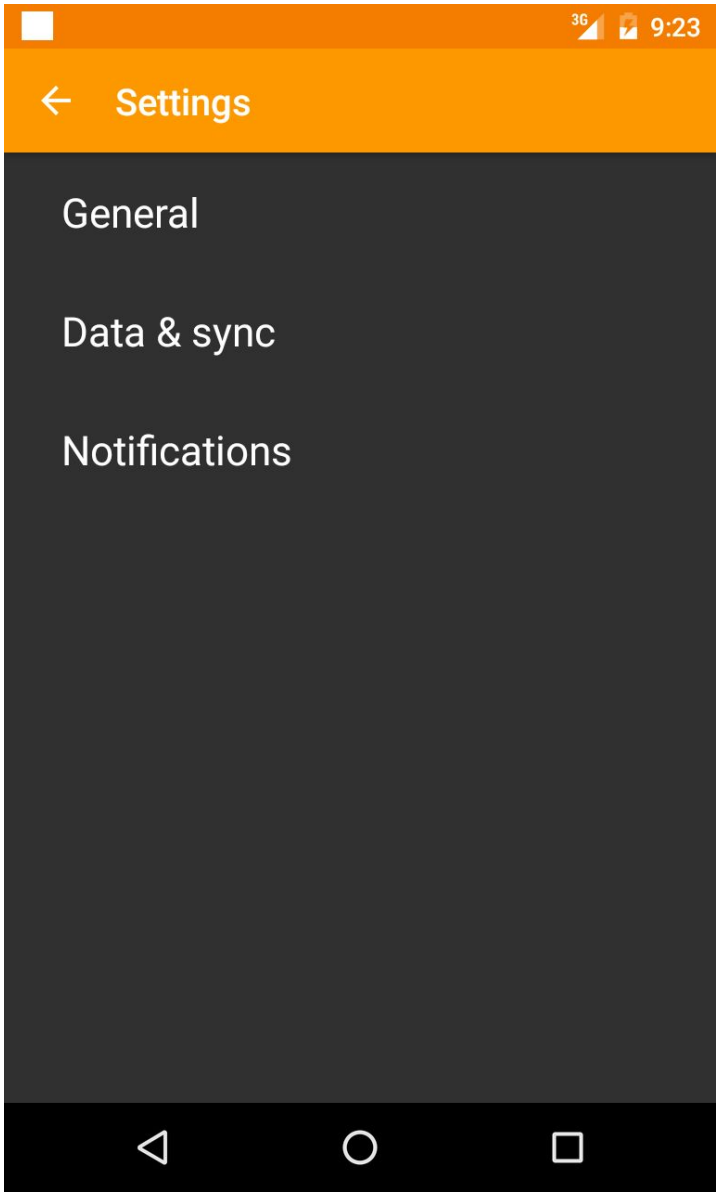

The main activity presented after login through twitter's web login
The FAB is for composing tweets. Multiple fragments will be able to be paged through to show mentions, activity, direct messages, and favorites.

## Screen 2



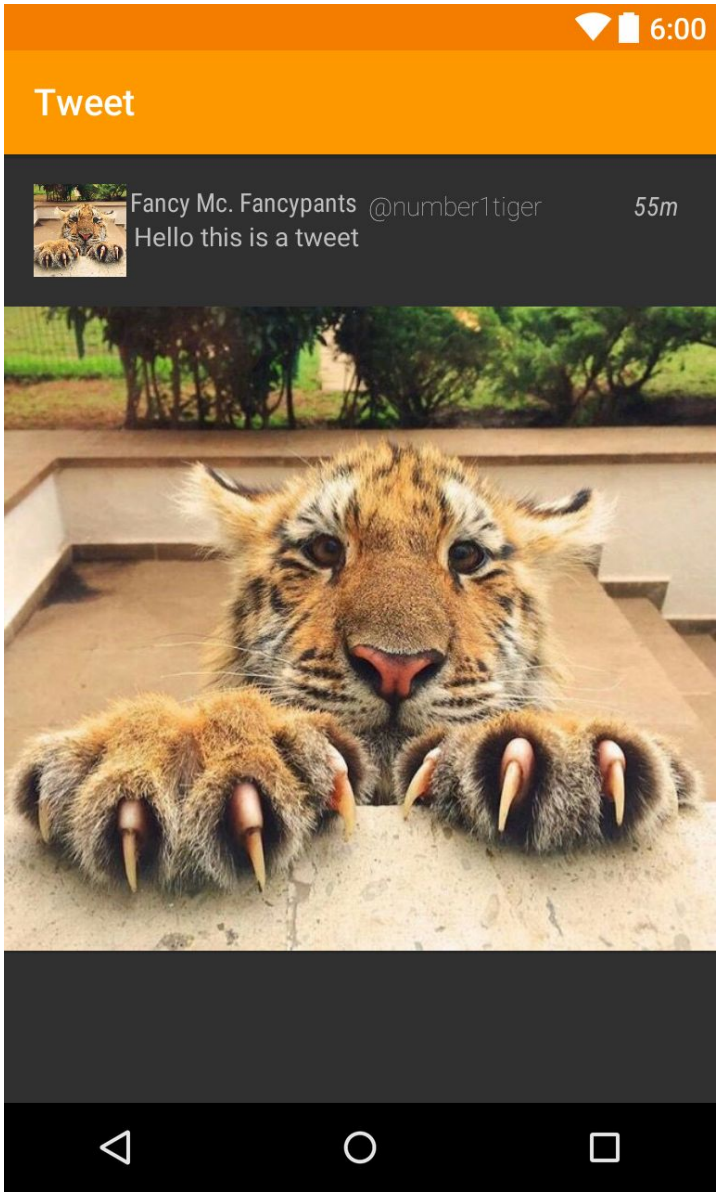

The drawer to provide structure to the different timelines, and access to the settings menu. The header is personalized based on the icon, and theme associted with the user's twitter account.

### Screen 3



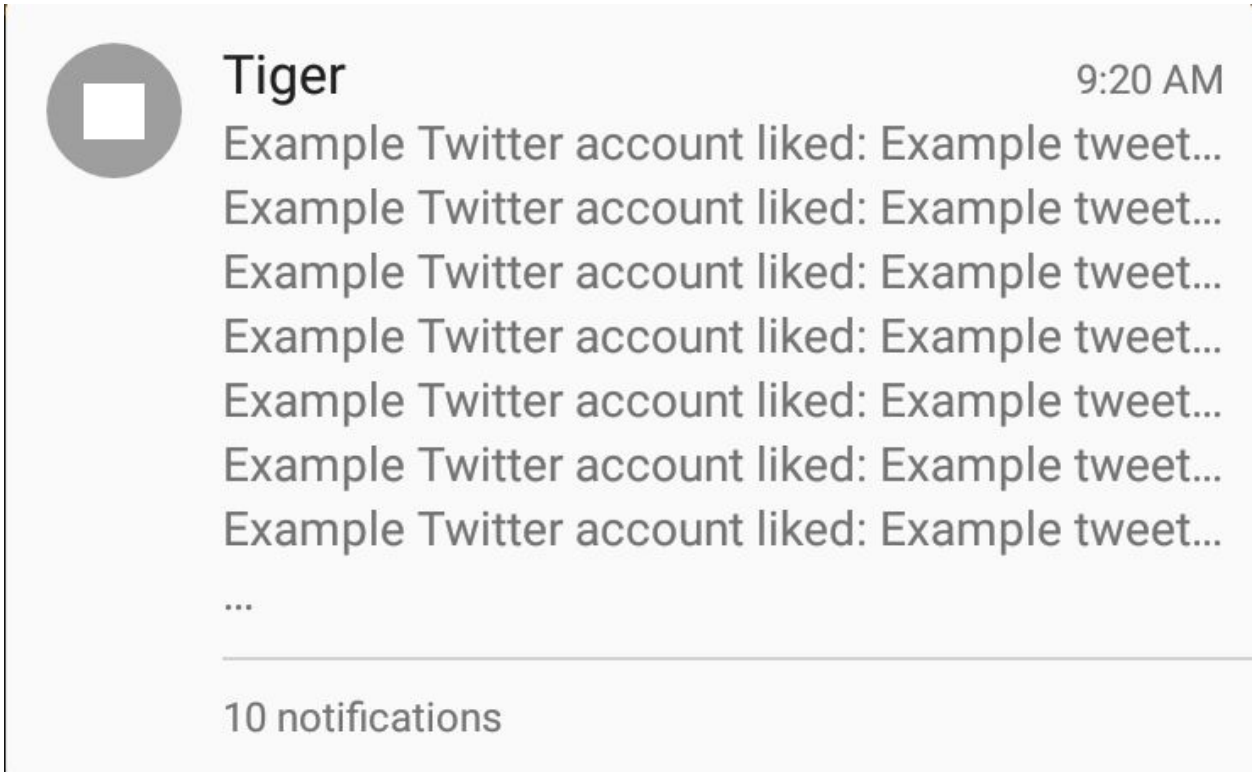

The settings activity to change whatever options are useful for users. Syncing and notifications are especially important. Theming would be under general, for alternative light, and black themes.

## Screen 4




An activity to view a tweet and its conversation, with replies below, and the conversation this tweet is in reply to above the tweet.

**Screen 5**




The notification should show all unread mentions, and activity such as likes and retweets.

Add as many screens as you need to portray your app's UI flow.

## Key Considerations

### How will your app handle data persistence?

There should be a syncing service to regularly pull twitter data associated with the user on a regular interval, and store it in the app's SQLite database

### Describe any corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

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

GreenDAO for structuring all the data to be stored.
Picasso for the large amount of media available on twitter.
Retrofit2 to handle all http requests on the twitter REST api.
Butterknife to clean up view binding and callback declaration.

## 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

Setup two modules. One for the app and one for GreenDAO code generation.

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

- Build UI for TwitterActivity, which holds all timelines
- Build UI for a tweet composition dialog
- Build UI for notifications, or format for use with InboxStyle
- Build UI for a tweet conversation view
- Build UI for private messages

### Task 3: Your Next Task

Implement http services for twitter's REST API

### Task 4: Your Next Task

- Implement data syncing service and database

### Task 5: Your Next Task

- Wire all UI to pull data from database

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

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