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Group number: 27

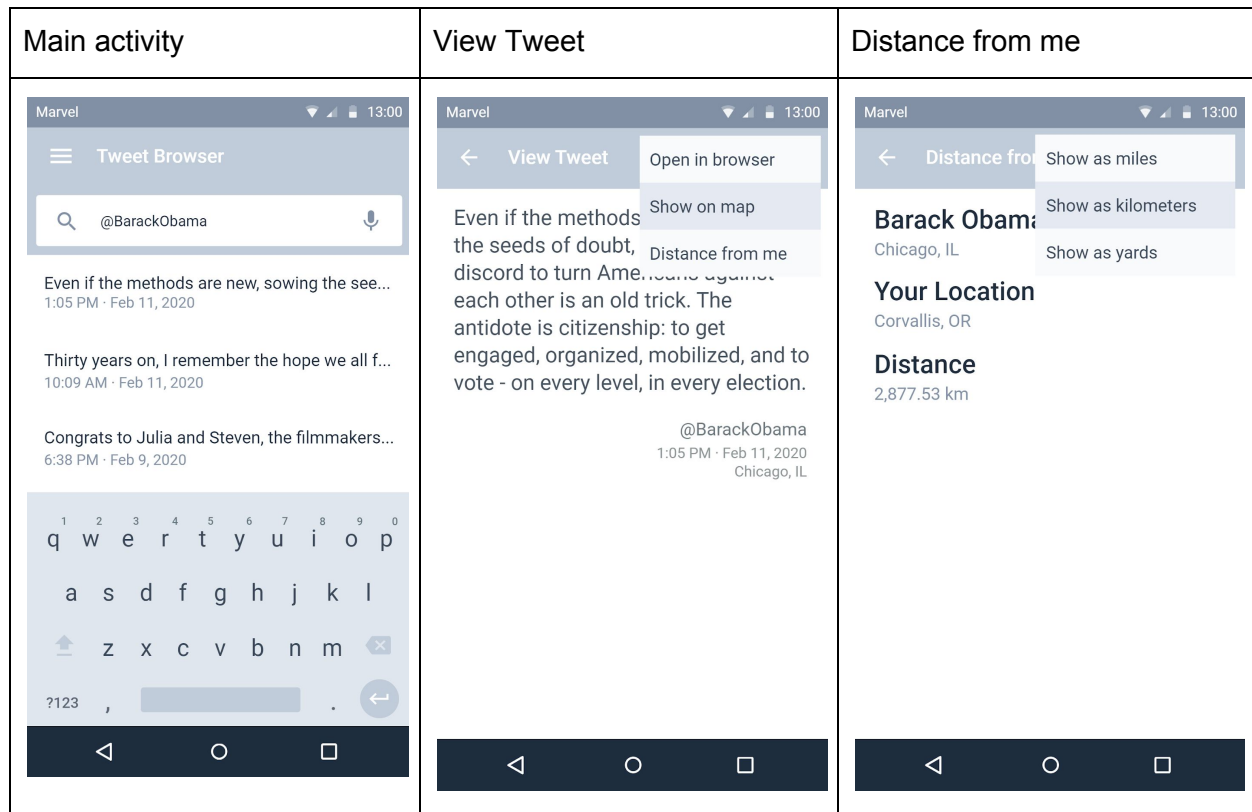
App High Level Description: This application will be able to search for users and if they are a real user, then a list of their tweets will appear. When one of these tweets are clicked, a new activity will appear on the screen with the full tweet, username, and date. There will also be a menu inside this activity which will allow the user to, if possible, view the location of where the tweet was created on a map. The user can also view how far away they are from the other twitter user and save this data. There will also be a feature to share the tweet while inside this activity in the menu.

API Link: Twitter API: <https://dev.twitter.com/rest/public>

Description of the use of the Twitter API: Our application will get the tweets from the specific user using [tweet timeline endpoint](#). And then get the geo information of the specific tweet by using the [geo-object endpoint](#).

Additional Feature: The user will be able to see how far away they are from the other twitter user's tweet if that tweet has geo location data in it through the use of the Android device's location data.

Mocks:



Main activity page:

Users will be able to search any user they want in the search box and the application will display the relative tweets underneath the search box. Users can then click the tweet they want to view the additional information.

View Tweet page:

Users will be able to see the tweet's content and click the button to see the location of the tweet on the Google maps.

Distance from me page:

Users will be able to view the distance between the location of the tweet (if available) and their current location, obtained via GPS at the time the activity loads. They can use the dropdown to change the unit used to display the distance; this setting will be saved in the `SharedPreferences` structure.