



## Mobile Onsite Challenge

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## Challenge Goals

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Your main goal is to extend the basic views and functionality of a Twitter App. Please take a moment to carefully read the instructions and ask any questions you see necessary.

- You need to extend the previous Mobile Remote Challenge solution
- The final product should be a formal deliverable, imagine that **you will present to your customer this project and he will review your code**
- You must implement the most of your showcase in order to know you better
- You should focus more on implementing the views than implementing the absolute functionality of the app.
- There is an Invision preview to see the app: <https://invis.io/6E4JPZ2UV>.
- You can use the actual Twitter's iOS/Android App as a guide.

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## What's important to us / Grading?

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The challenge is pretty extensive, and we don't expect you to fully complete it. For this reason we've split the challenge into 3 categories, critical, important and bonus.

- For **Critical Features**
  - Design your views as close to production code you can get
  - Make use of design patterns
  - Use best coding practices
  - Good software design
  - Proper use of data structures
  - The view should run in any screen size
  - Add anything else that will show us that you are an amazing mobile developer.
- We expect you to complete at least some of the **Important Features**, but you should focus more on getting them to work than anything else.
- **Bonus Features** are just that, bonus, so don't worry about them unless you've completed everything else.

With the allotted time you should complete all the Critical Features and at least some of the Important ones, it's up to you on how allocate your time.

Note: Some functionality might not be that important even though is part of a Critical or Important view, if this is the case we will state the importance of the functionality in red.

*[Note: Some functionality might not be that important even though is part of a Critical or Important view, if this is the case we will state the importance of the functionality as Bonus]*

## Connectivity Details

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In order to get information to populate your App you will use the following API:

### API Details

- <https://wizetwitterproxy.herokuapp.com>

(Which is a proxy of <https://dev.twitter.com/rest/public>)

### Endpoints:

- Get user profile
  - GET /api/user
- Get user's last tweets
  - GET api/statuses/user\_timeline
- Create a new tweet
  - POST /api/statuses/update using "status" parameter
- Search for hashtags
  - GET /api/search/:query

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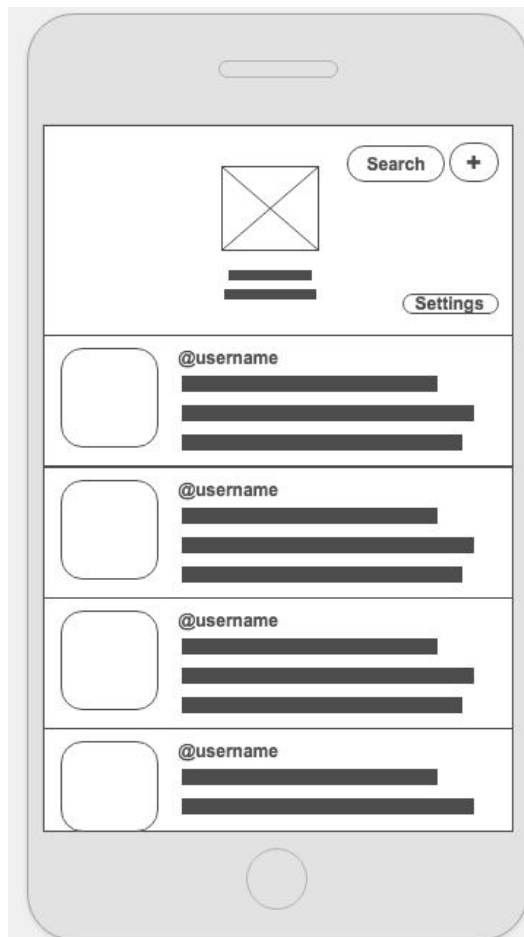
## Critical Features

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### User Profile

The user should be able to:

- See its own profile picture.
- See its own user name
- See its own description.
- See its own background picture.
- See its own tweets.

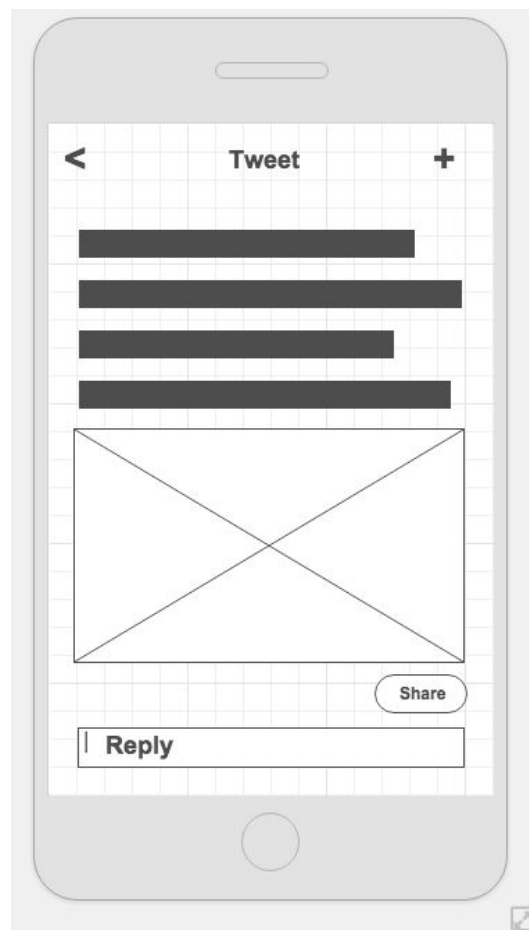


# Important Features

## Single Tweet View

The user should be able to:

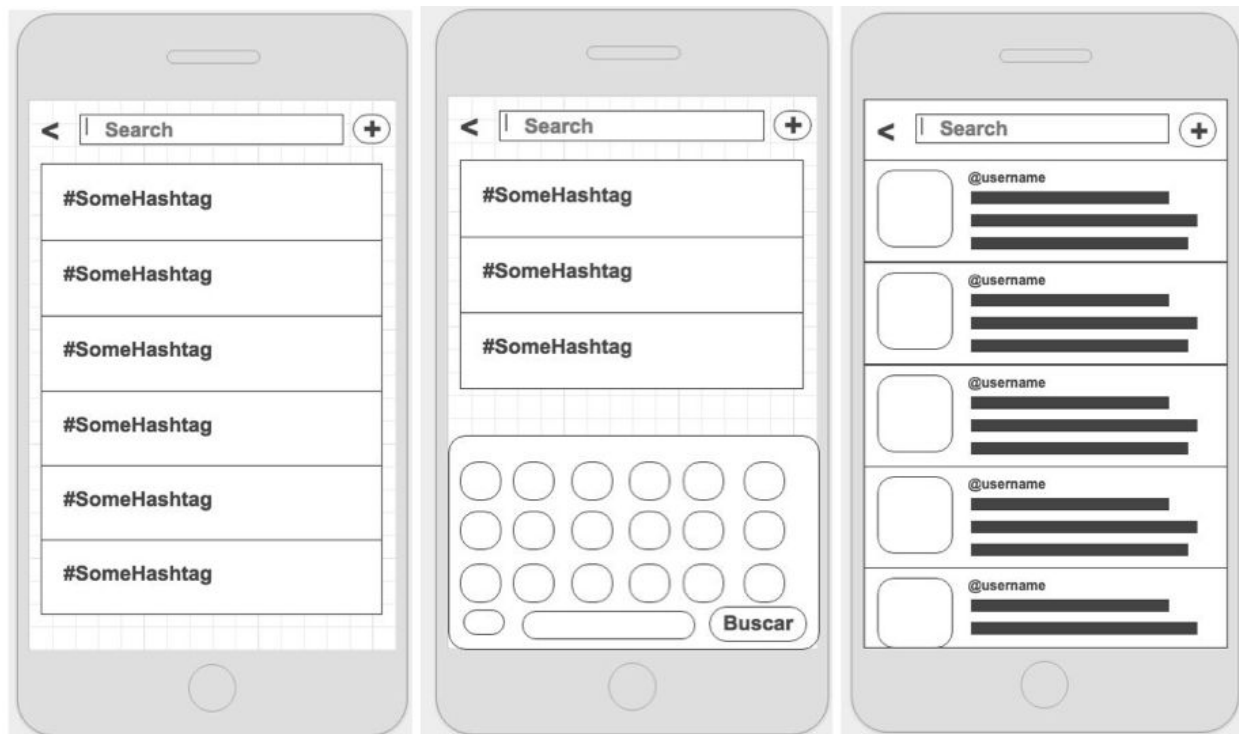
- See the profile picture and username of the tweet's author.
- See the tweet content (Media if there's any). (Bonus)
- Share the tweet to other apps/social media. (Bonus)



## Search for tweets

The user to search for tweets with a hashtag/topic:

- Using search text field
- See the list of relevant/popular hashtags (create a static list)
- See the results of the search



## New tweet

The user should be able to:

- Write a tweet \*(limited to 140 characters)
- See the gallery of images on the phone (**Bonus**)
- Cancel the tweet

