

## TEST ASSIGNMENT

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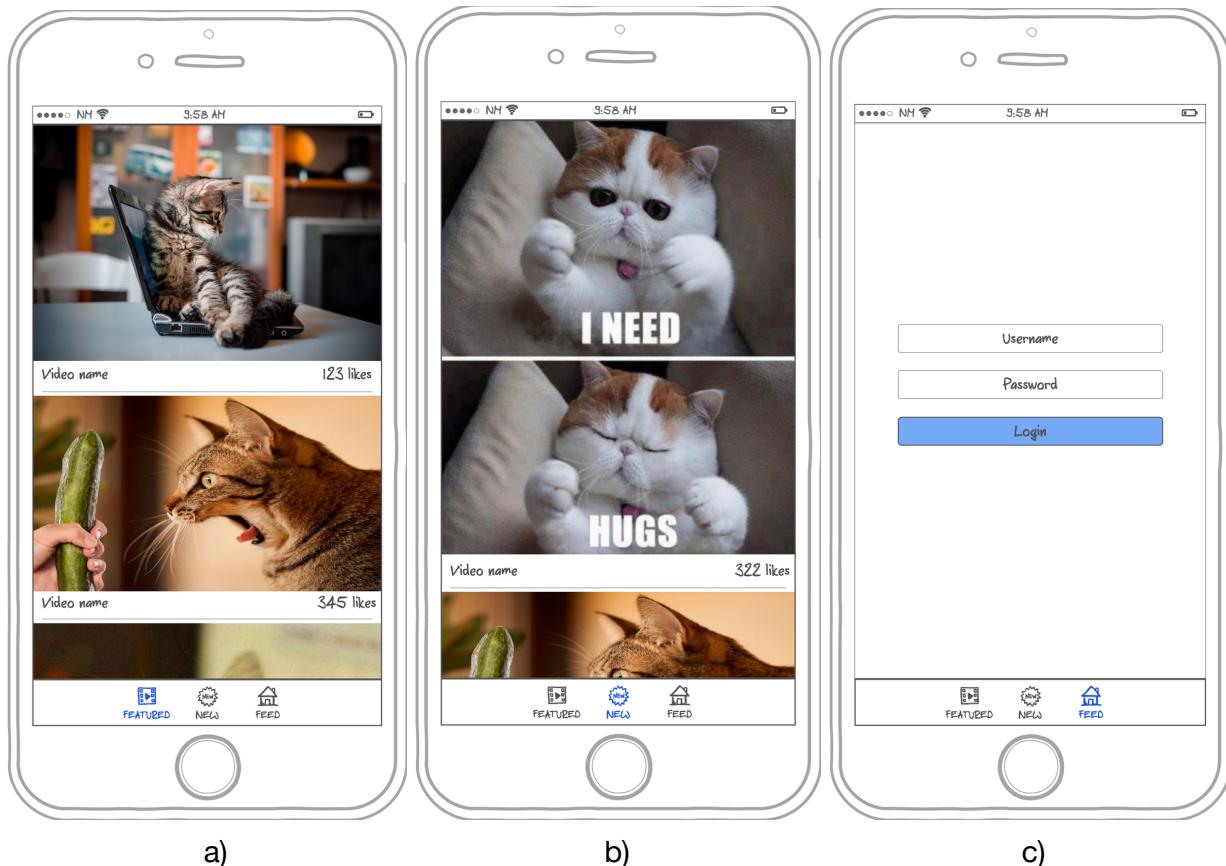
## Vid.me iOS Client

[Vid.me](#) is a video sharing service which allows users to upload, share and view videos. They provide a well-documented [API](#) which allows to create full-fledged client applications. You can think of Vidme as an Instagram for videos.

### Specification

The purpose of this assignment is to develop a Vid.me iOS pageclient application.

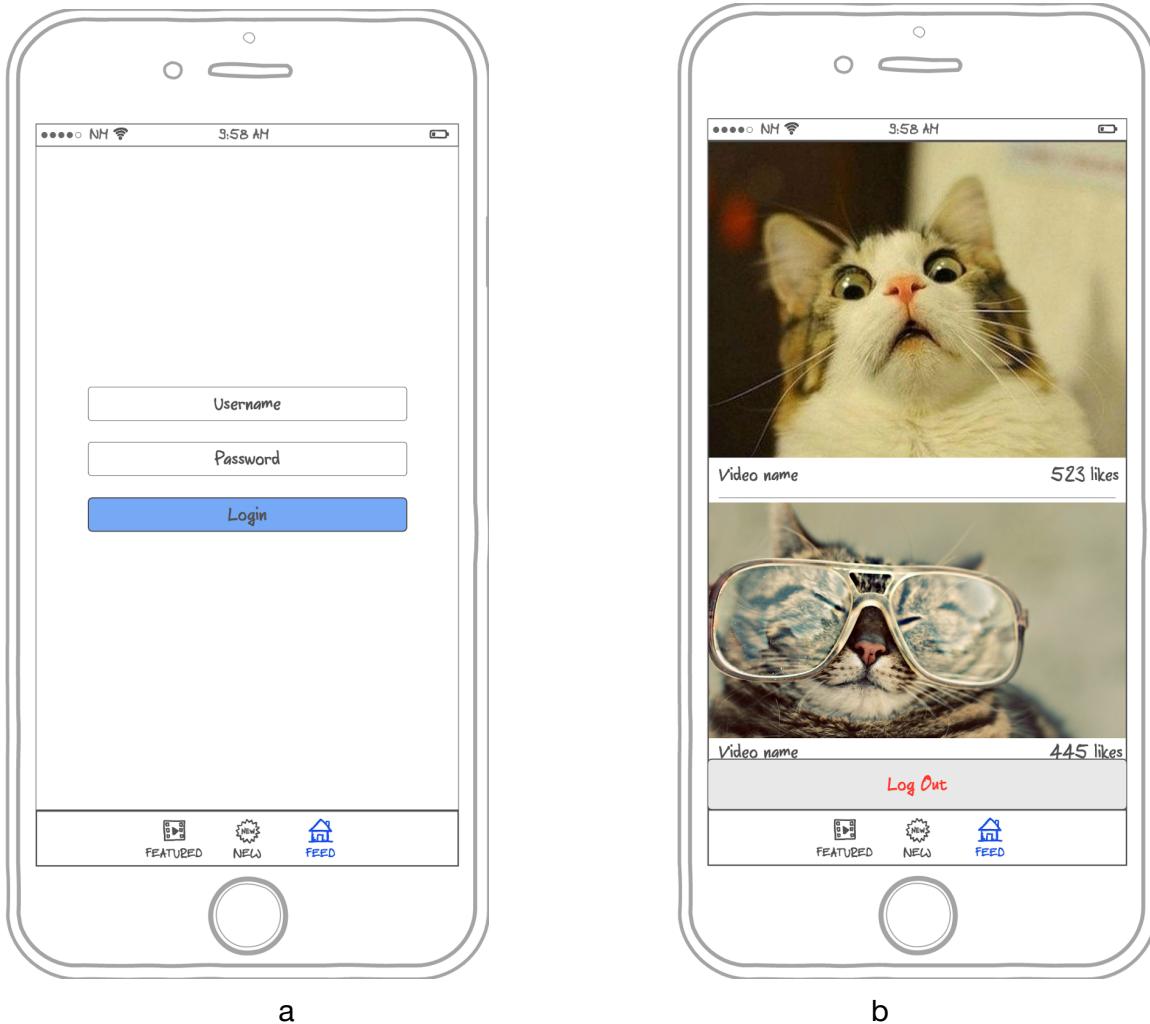
1. App main screen contains tab bar and three “pages”: **Featured** (1.a), **New** (1.b) and **Feed** (1.c). When user opens the application **Featured** is shown;



Pic. 1. a - **Featured**, b - **New** and c - **Feed** pages.

2. User should be able to switch between all three tabs using the tab bar (on the bottom of the screen);

4. **New** page should show new videos on vid.me. **Featured** page should show featured videos on vid.me.
5. **Feed** page is a bit more tricky. On the first app launch, this page displays basic login screen (Pic 2.a). Once the user logs in with his/her credentials, this tab should display videos from the followed users (Pic 2.b). You can create your test account on [vid.me](#) site. Note: you can follow other users from [vid.me](#) web site to test Feed tab.



Pic. 2. **Feed** screen states: a - logged out user; b - logged in user.

### 3. Requirements for all tabs with videos

- Videos should be displayed in a list;
- Each video item should take 100% of screens' width and as much height as it needs;
- The title of the video and number of likes (upvotes) should be displayed at the bottom of each video (See Pic 1);
- Show video thumbnail as a picture for video item;
- When user clicks on the video item - play this video on a new screen;

- Each tab with video list should have Pull-To-Refresh feature to allow user refresh current tab;
- App should load videos on every page continuously to achieve infinite scroll effect (load first ten videos, then load next ten when user scrolls to the bottom);
- Do your best to provide great User Experience :)

## Other Specifications

- You can make the app only in portrait orientation;
- Publish the project to private git repository (Bitbucket, etc.), your project should build without errors when pulling from that repository;
- You should follow latest Apple guidelines; Don't forget about basic UX;
- Login state should persist between app sessions;
- Handle special cases when user tries to Log in (wrong email / password, too short password, incorrect credentials etc.), show proper message to user.
- App should show user friendly message when device is not connected to the internet
- Add logout button at the bottom of the Feed page if user is logged in (to the right of tab bar), hide it if user is not logged in. Perform Logout action when user presses that button

**Optional ADVANCED requirements** (If you feel confident enough and want to show that you rock, implement advanced requirements as well)

- In the list of videos - automatically play video that is in the center of the screen. Only one video at a time should play (use thumbnail\_url response field as a video source), other list items should show video thumbnail picture.
- You need to implement your own logic of how to determine which video to play and when (take into account if user is scrolling list or not)
- Add loader to show that video is selected for playing, to indicate that it will play as soon as it is loaded
- In general - try to achieve the same effect with videos as in Instagram app.

## Constraints

- You have one week to complete this assignment;
- You need to use Objective-C or Swift programming language to complete the task :).

**Let me know if some parts of this task are not clear.**

**Once the assignment is completed, you should give access to the private repository to andriy.bas@uptech.team**