

Machine Problem 1: TwitBook

TwitBook, as its name suggests, is a Web page that mimics the design of two social media giants – Twitter and Facebook.



Create a mockup for the TwitBook page using HTML, CSS, and the Bootstrap Framework, building two pages namely *home.html*, and *profile.html*. It's important that these pages will be responsive, providing breakpoints for mobile devices and desktops.

Home

The *home.html* page will be similar to Twitter's login page:

The mockup shows a dark grey header with the TwitBook logo and an 'About' link. On the right, a language dropdown menu is open, showing options: English, Korean, Filipino, Japanese, Chinese, and Deutsch. The main content area is split into two columns. The left column contains a 'Welcome to TwitBook.' message and a brief description of the platform. The right column contains two forms: a login form with fields for 'Username or Email Address' and 'Password', a 'Remember me' checkbox, a 'Forgot Password?' link, and a 'Login' button; and a signup form titled 'New to TwitBook? Sign up' with fields for 'Full Name', 'Email Address', and 'Password', and a 'Sign up for TwitBook' button. A footer bar at the bottom contains a list of links: About, Help, Blog, Status, Jobs, Terms, Privacy, Cookies, Ads, Info, Brand, Advertise, Businesses, Media, Developers, Directory, and a copyright notice for 2016.

- There will be a navbar for this page – use the nav classes provided by Bootstrap. It will hold the following:
 - The brand name of TwitBook – you can use any glyphicon or an image for this.
 - A menu item About, when clicked, will display a popover containing your names.
 - And a dropdown menu on the right of the navbar that displays language choices.
- The footer will be anything that you wish to place here.
- Divide the content area of the page into two, where the left part will display details about the page (see the image above for reference), and the right part will display two forms – one for login, and another for signup.
- No functionalities are expected to work on this page, except that when you click the 'Login' button, this will link the second page, *profile.html*.
- A carousel as a background image for the content area is recommended – do not include indicators or the prev/next buttons, just a simple carousel.
- When the page is resized to a mobile device (i.e. phone or tablet), it is expected that the layout of your page will respond to this change.

Welcome to TwitBook.

Connect with your friends - and other fascinating people. Get in-the-moment updates on the things that interest you. And watch events unfold, in real time, from every angle.

☐ Remember me | [Forgot Password?](#)

New to TwitBook? Sign up





[About](#)
[Help](#)
[Blog](#)
[Status](#)
[Jobs](#)
[Terms](#)
[Privacy](#)
[Cookies](#)
[Ads](#)
[Info](#)
[Brand](#)
[Advertise](#)
[Businesses](#)
[Media](#)
[Developers](#)
[Directory](#)
 © 2016



The layout of home.html on mobile devices.

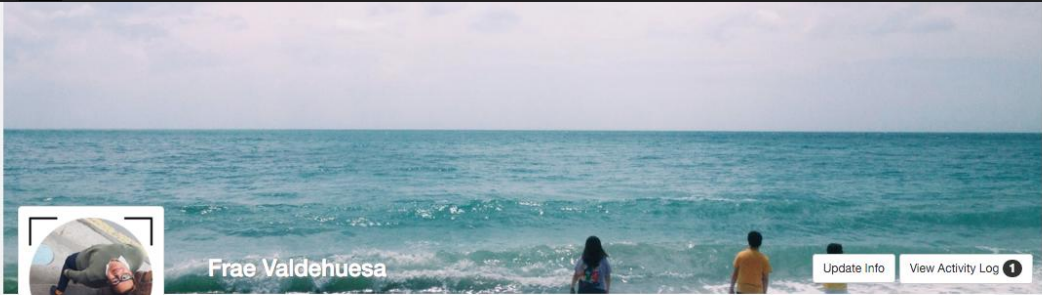
- All of the elements will span the page's full width, following the order of display above.
- Notice that the 'About' menu item and the 'Language' dropdown is hidden. Just like any normal mobile-responsive webpage, they should be enclosed in the button (icon bar) and will dropdown when the button is clicked.


Profile

The *profile.html* page will be similar to Facebook's default profile page:





















Frae Valdehuesa



Intro


 B.S. in Computer Science at University of the Philippines Visayas


Photos

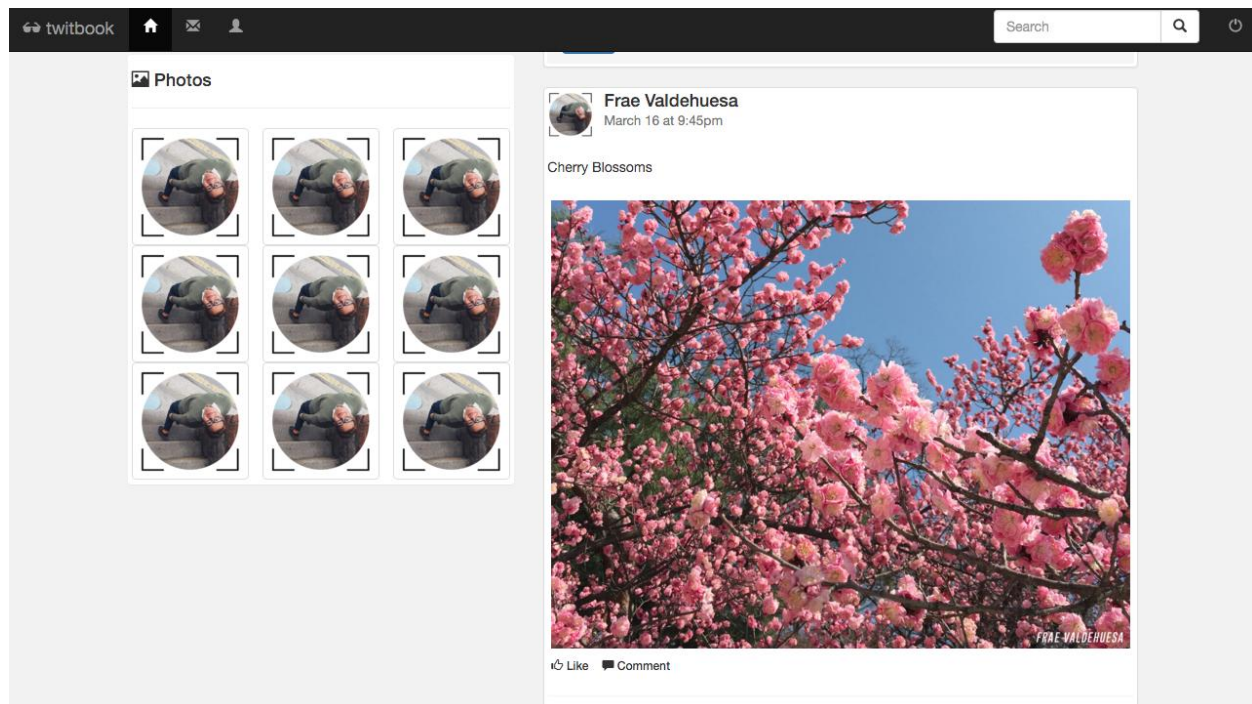

Status

 Photo / Video



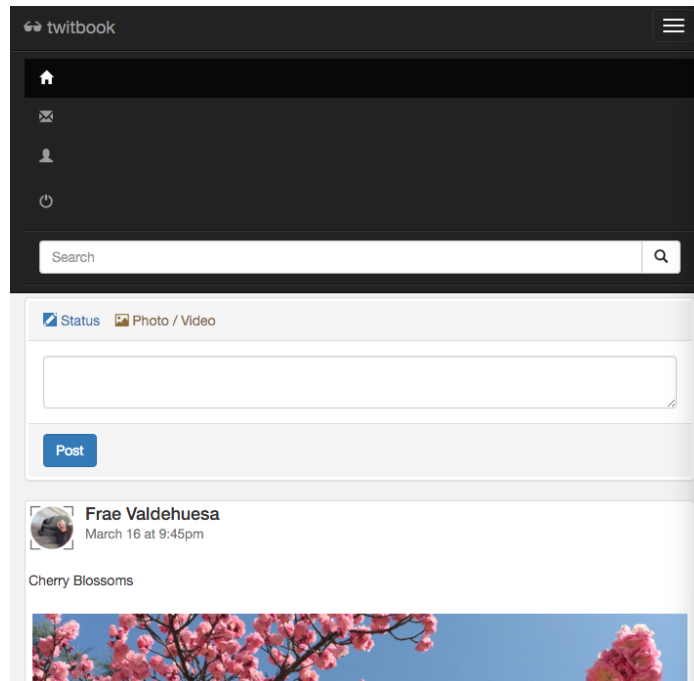
Frae Valdehuesa
 March 16 at 9:45pm

Cherry Blossoms

- Similar to your *home.html*, this page must have a navbar maintaining the brand of TwitBook. The only changes to your navbar are the following:
 - Three menu items – you can use glyphicons again – depicts tabs/menus for home, messages, and profile. Clicking on any of this item will not do anything, except that Bootstrap's hover feature should be enforced on these elements (describing what the menu is for i.e. home glyphicon displays a hover text 'Home').
 - On the right end of the navbar is a search form and a button for logging out. Clicking on the log-out button will bring you back to the *home.html* page.
- The banner of this page is a cover photo and your profile picture (when clicked, this will open a modal displaying the full size (well not necessarily) of the image. The 'Home', 'About', and 'Photo' are nothing but a demonstration on menus.
- The body area of this page is divided into two: the left side displays Intro and Photos panels, and the right side displays the Post and Feed panels.
- The Intro panel will be similar to your Facebook profile page, displaying necessary information about the profile.
- The Post panel is where you can post your status and photos/videos – refer to the image.



- The Photos panel will display nine recent photos of the profile – when clicked, will display a modal that will render the image in full size (similar to the profile picture). Clicking on the 'Photos' link will open a modal that will display a carousel of the nine photos posted on the panel.
- The Feed panel will display the thumbnail of the one who posted with the name and the timestamp. It contains a textual post and a photo (or a video if you wish) where below it are the Like and Comment buttons – the Comment button will collapse a textarea and a 'Post' button.
- This will also respond when changes are made with the size of the viewport, making it a responsive page.



The layout of profile.html on mobile devices.

- All elements will span the full width of the page, and the menu items will be wrapped in a button similar to that of *home.html*. All panels will follow through column by column (i.e. the panels on the left first, then the panels on the right).

Others

- You should override some styling that Bootstrap has provided (e.g. the navbar) to make it look more personal to you. Styling should be done externally.
- Make sure that your codes are validated, both HTML and CSS files.
- Deadline of this machine problem is on **April 4, 2017**.