

**Use Google Search to get help if you need**

**Q1: HTML and CSS**

Using CSS and HTML Make a webpage that has two columns (hint, you can use html table or div). Each column should use half of the width of the page. The left half should have a light gray background and the right half should have a light green background. The left half should have a list of the 5 best selling books in Amazon's kindle store, and the right should have a list of your five favorite celebrities or athletes.

**Q2: TypeScript syntax**

- 1) Define a Typescript class for representing students with three attributes: firstname, lastname, admissionYear;
- 2) Create an array called studentList, store 5 students object to studentList array using push function. You can pick any values for the sample student names or admission years (ranging from 2014 to 2019)
- 3) Use a for loop to print out the number of years to graduate for students in the year. Your output should look like below:  
John Howard will graduate in 3 years  
Mary Lee will graduate in 2 years  
...

**Q3: Use ionic components to create the following typical App UI interfaces.**

You should view your final design using the chrome browser's inspect function over simulated devices (iphone6)

Create an ionic tabs App, and customize the three pages with the following three UI, one for each.

Add Homework

CSCE206 001:Scientific Applications Pro

Homework name

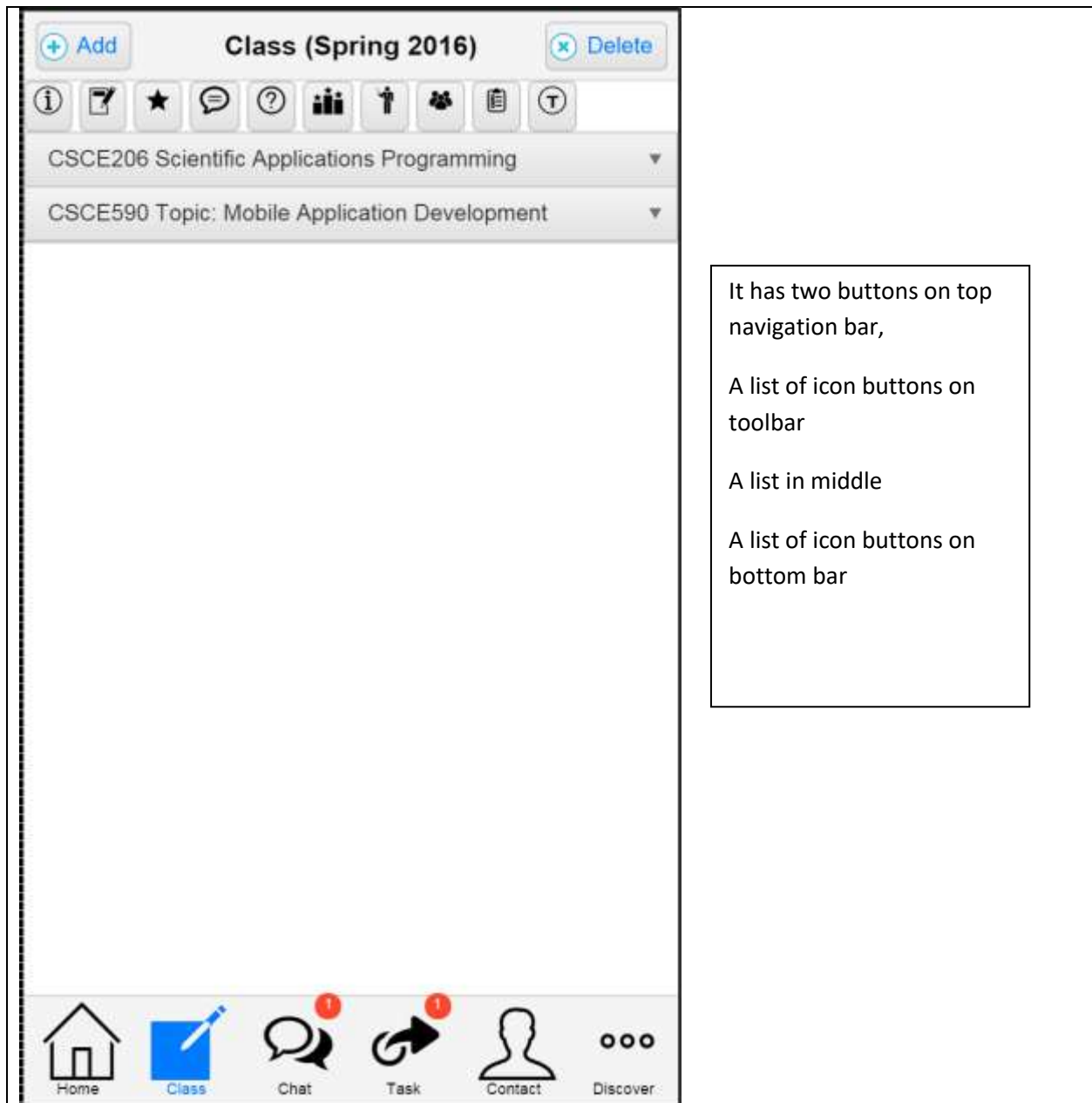
Due datetime

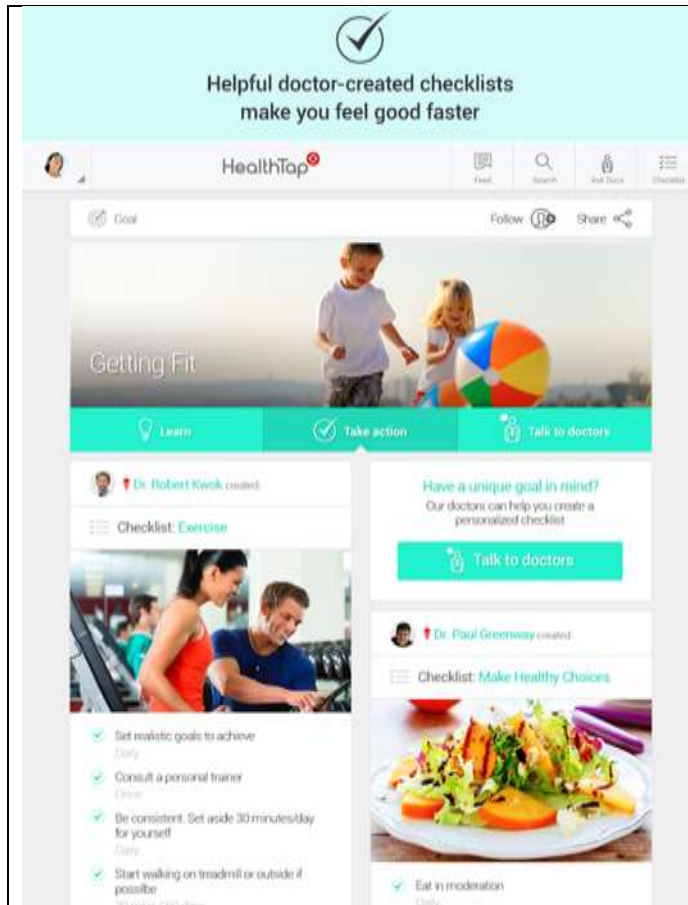
1/20/2016 4:33 PM

Set Priority

Pick calendar color

Description





It has a navigation bar on top with image buttons

A image below it.

A 3-item tabs

Two-columns

Left-columns include a list

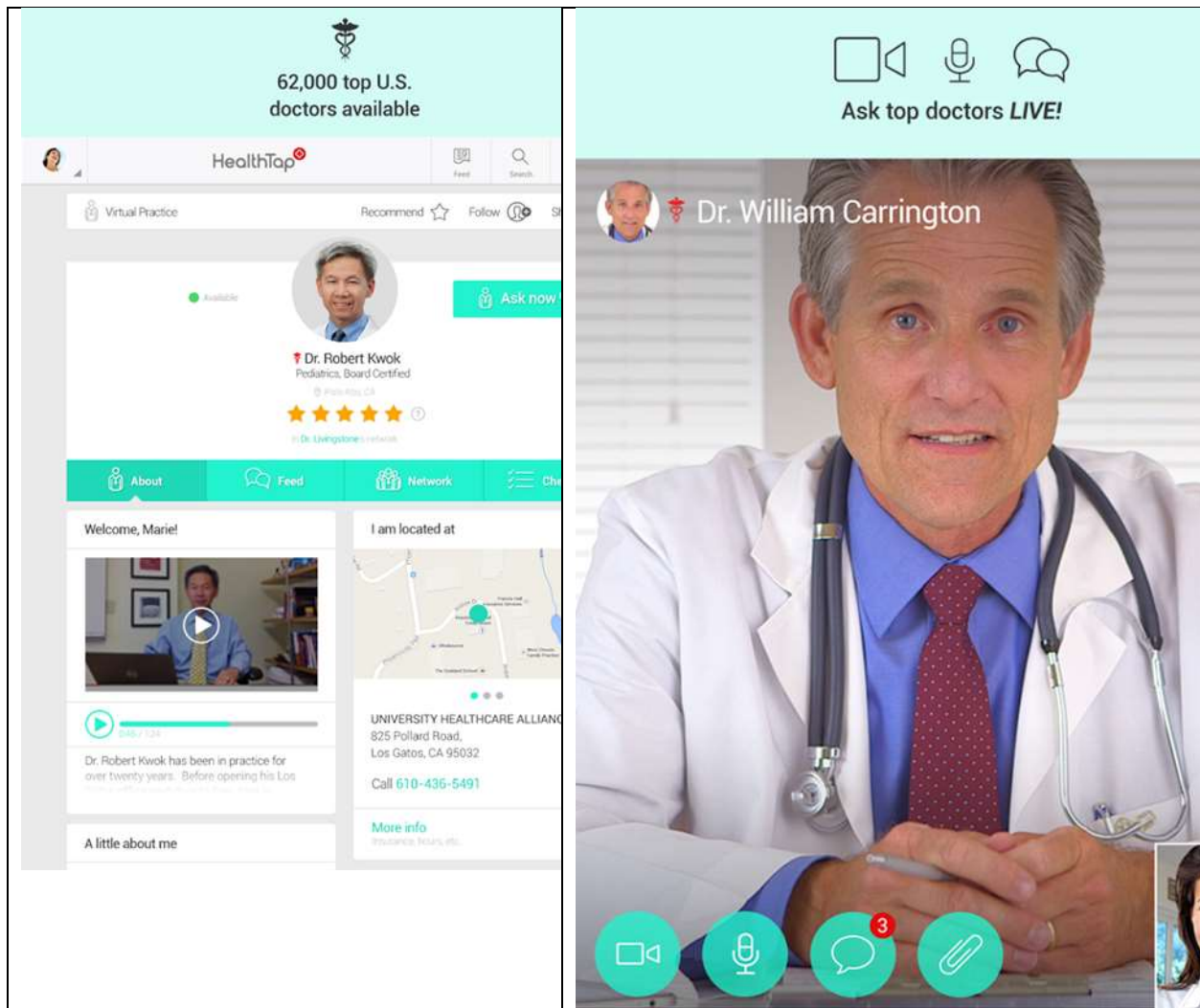
Right-columns with 2 sections (top/bottom).

You can use image tool to cut the icons from the provided images.

Q4: Create an ionic tabs App, and customize the two pages with the following three UI, one for each.

You may need to use ionic grid to do layout.

You are ok to user any other web layout framework such as vue.js



How to submit:

- 1) Put all your program files into a folder named homework1
- 2) Zip it into a single file homework1.zip using the winrar program
- 3) Upload your submission file to <https://dropbox.cse.sc.edu/> since you enrolled in this course, you should have already got access to this above cse dropbox. This is NOT the same dropbox that we share files. Don't put your homework into that CSCE546 folder as it can be seen by others.

Note:

- The dropbox for each homework will be closed after due date. So be sure to submit it before deadline.

