

Project 1 (Exam 1): Informative App

Topic: Dreaming Places

Instructions: Project 1 consists of creating a one-page informative app. The topic is free to choose, you can talk about places, concepts, nature, beauty, cars, etc..., where you want to inform people about it. This information must have four sections: introduction, information 1, information 2, and contact. For example, if you picked Japan as your topic, then you want to provide the following information to the user:

1. Introduction: where is the place and why it is a famous place.
2. Information 1: Activities to do in that place.
3. Information 2: Important things or locations of that place.
4. Contact: contact information

Remember that you are creating a one-page app using the HTML and CSS skills learned in chapter 1, 2, 3, and 4. The HTML and CSS skills that must be in your app are:

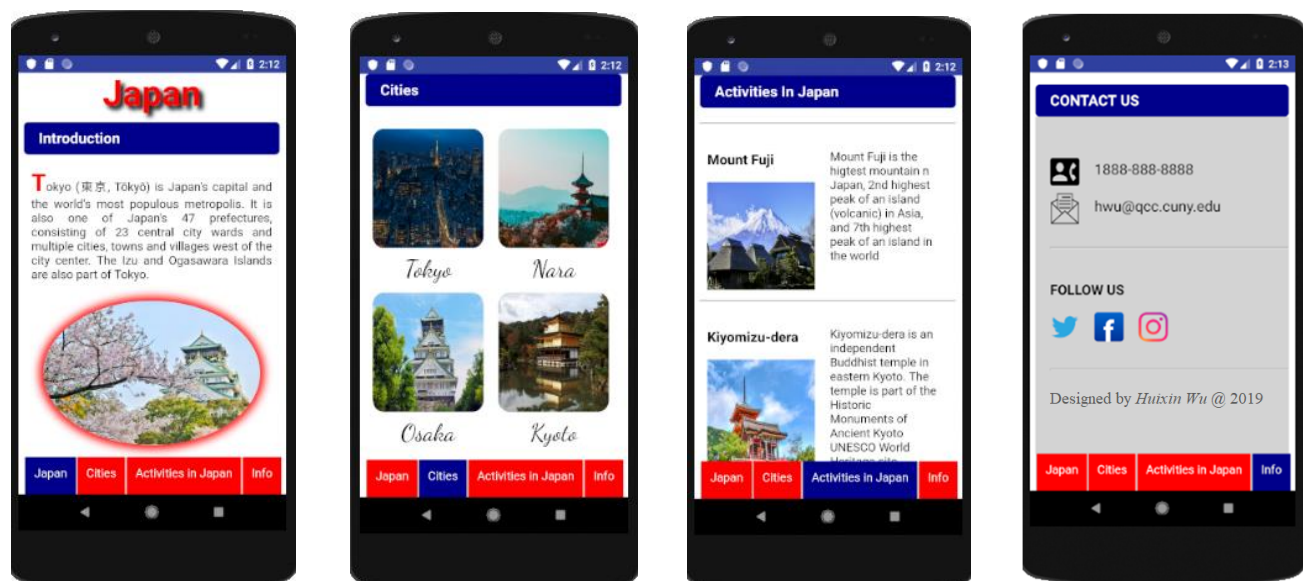
- Writing links: linking to other sites, to an email address, and to a specific part of the same page
- Text characteristics, text-size, text alignment, text shadow, text border, margin and padding
- Design layout in CSS using flex element (properties), and box-sizing. You can also use float properties instead of flex properties.
- CSS styling images: rounded, circled, border, and shadow images.
- Navigation Bars (fixed navigation bar).
- Create contact and media icons.

The requirements and grading policy for project 1 are:

Requirement and grading policy for project 1	
Items	Points
Project title and subtitles to introduction 1 and 2. The title and subtitle should have at least two styles.	10
Introduction paragraph with at least two different styles	5
Introduction image with at least two different styles and a hyperlink link to an external website	10
Information 1 should have a layout of four images with a description to each image. Each image should have a hyperlink to an external link with at least two different styles. All four images should have the same styles.	30
Information 2 should have a layout of one image and a paragraph in a row. All images in this section should be link to an external website.	20
The contact section should have icons for an email and phone. The email icon should have a link to an email, you can use your school email. The contact section should also have three social media icons with its respective link to the social media website. You can use QCC social media links: Facebook: https://www.facebook.com/QueensboroughCUNY Twitter: https://twitter.com/qcc_cuny	10

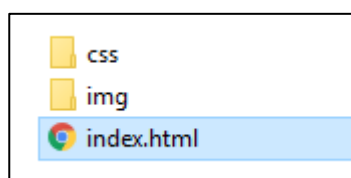
LinkedIn: https://www.linkedin.com/school/queensborough-community-college/ YouTube: https://www.youtube.com/user/CUNYQueensborough Instagram: https://www.instagram.com/queensboroughcc_cuny/ TikTok: https://www.tiktok.com/@qcc_cuny	
Footer should go after the contact us section and it should have the following information: <i>Designed by Huixin Wu @ June 2023</i>	5
Navigation tab. The app should have a navigation tab fixed to the bottom of the app screen. Each navigation tab should have internal links link to different section within the same app.	10

Example) Informative App: Japan



PROCEDURE

1. Open the **Command Prompt** and prepare the emulator. After it, open a text editor, Atom, create two new files, and save one file as index.html and another one as index.css in the **css** folder in your cordova project. If your cordova emulator is not working properly, you can run the app through the internet browser, Google Chrome. Your project folder should look like as the following:

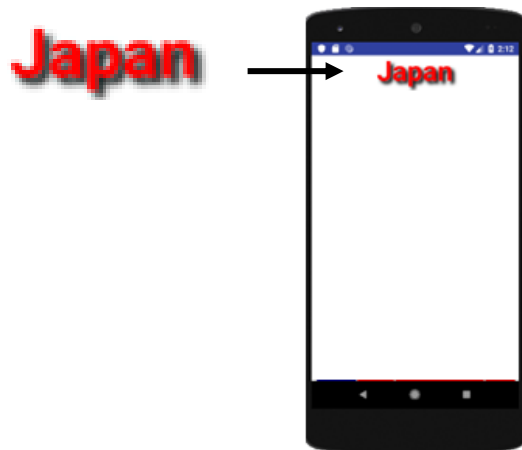


2. Remember to set the structure of your HTML file as the following:

```
<html lang="en" dir="ltr">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Dreaming Places by: Huixin Wu </title>
  <link href="css/index.css" type="text/css" rel="stylesheet"/>
</head>
<body>

</body>
</html>
```

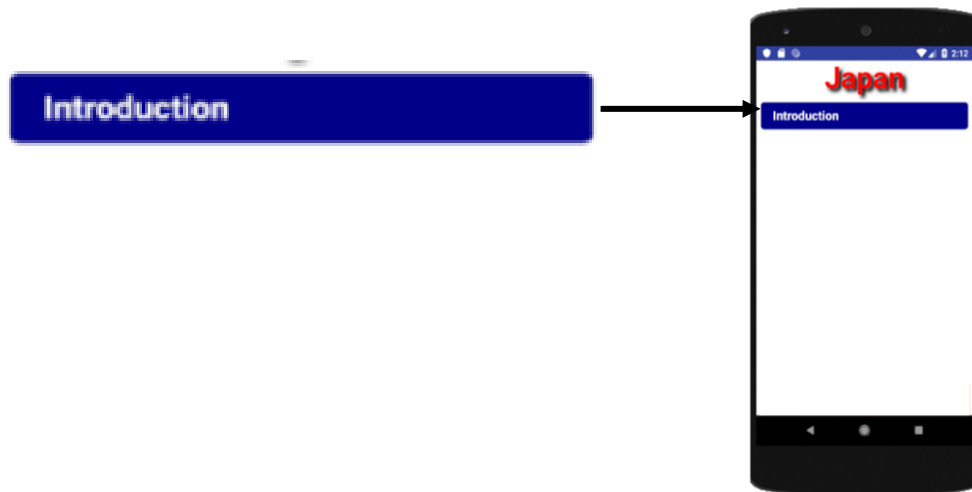
3. Create a title with font color, font-size, text-align, and text-shadow, font-family, font-weight.



4. Create a navigation bar that will stick on the bottom of the app. The navigation bar should have four tabs with background-color, height, font-size, padding, and font color when the links are active and hover. Also, each navigation tab should be linked to a specific part of your app using *id* and has a smooth scrolling effect. The *id* part you will complete at the end of the project.



5. Create a subtitle using heading, h3, and apply the following attributes to it: width, height, padding, background color, font color, and border-radius.



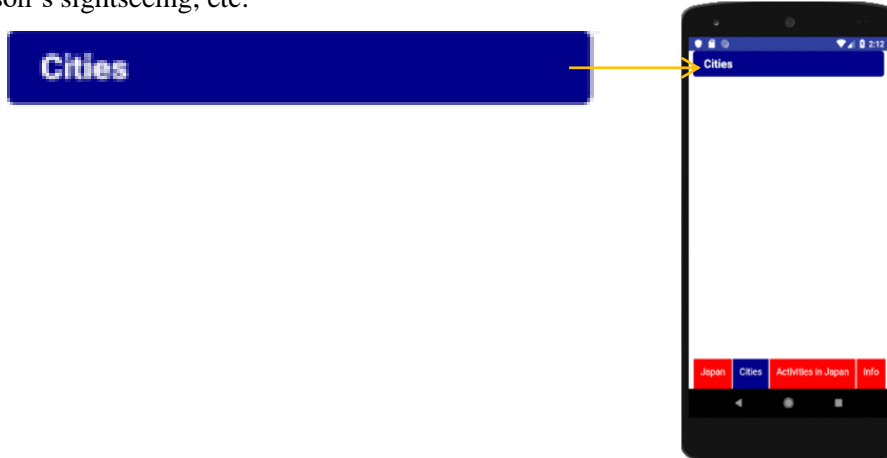
6. Create a division or paragraph to introduce the place of your project. This paragraph should have padding, and text-align to justify.



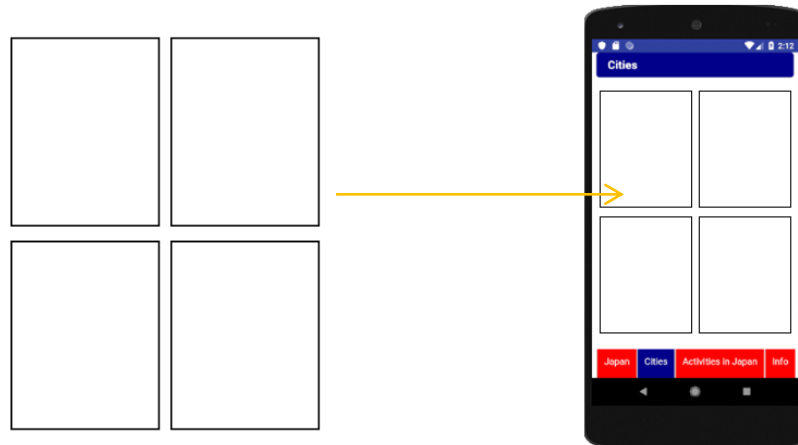
7. Download and save images about your chosen place in your *img* folder from your cordova project folder.
8. Create a container to display the image. The image should have a border-radius to 50% and shadow



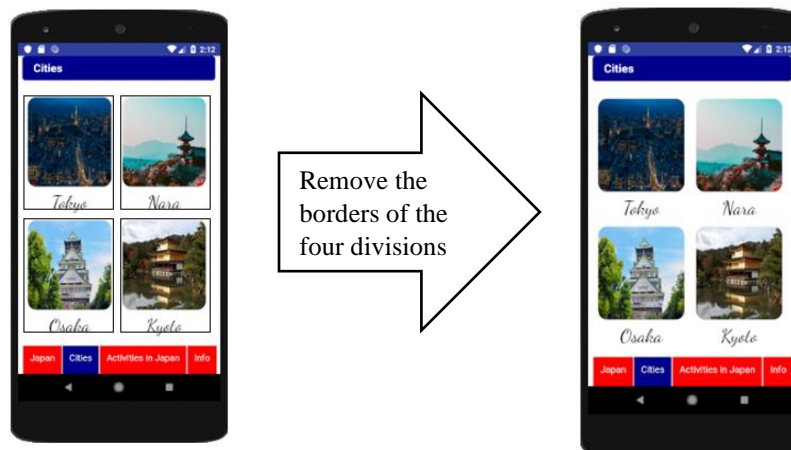
9. After step 8, create another subtitle to introduce images of your project's place such as cities, parks, season's sightseeing, etc.



10. Create four divisions, two divisions on the top and two in the bottom. You can add a solid border to the divisions for reference, but remember that those borders can be removed later.



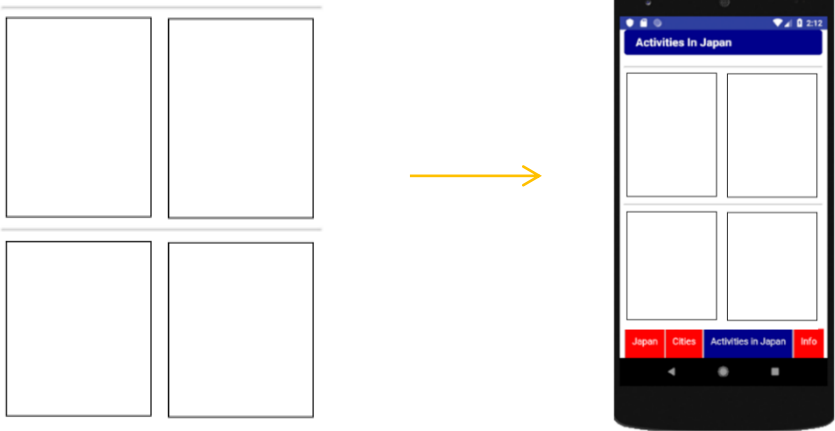
11. Add images and text to each container. The images should have rounded borders with the width of 100% and the height of 80%. The text should be centered with font-family and bigger font-size. Once you have the images and texts set in the division, you can remove the borders of the division.



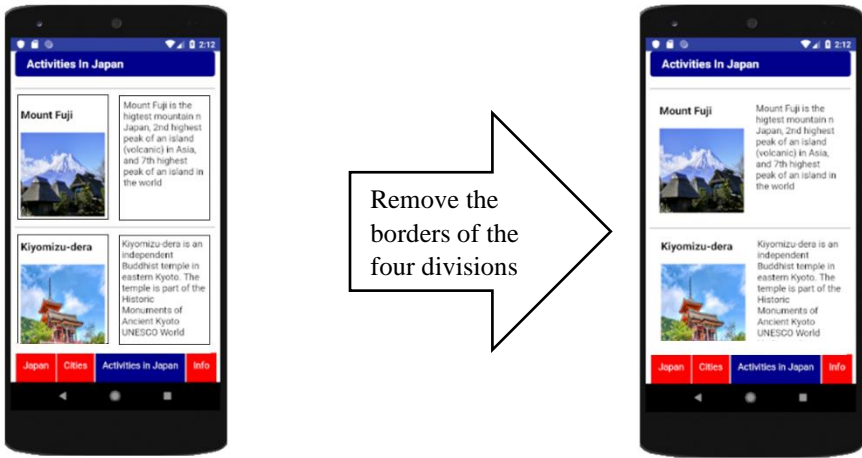
Create another subtitle to introduce the different activities that you can do in your chosen place.



12. Create four divisions, two divisions on the top and two in the bottom. Separate the top and the bottom divisions with a break. You can add border to the divisions for reference, but remember that those borders can be removed later.



13. Use one division on the top and bottom row to store an image and the other division to put information about the image. Do not forget to include padding to the information division. You can remove the border once you have the image and information set.



14. Create another subtitle as CONTACT US.

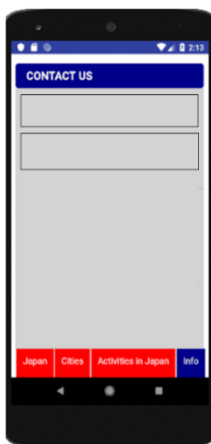


15. Download five icons: phone, email, twitter, facebook, and Instagram from www.iconfinder.com. Remember that the icons must be saved in the *img* folder.

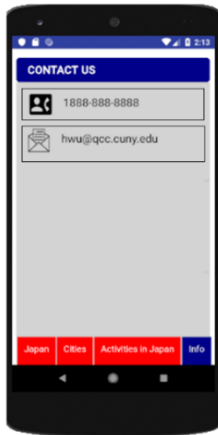
16. For this contact session, you can use flex-container as reference. Create a main container of about 500px height with a background color of your choice (the background-color must be a light color)



17. Create two divisions inside the main container and border them for reference. Once you have the border you can add margin to the divisions.



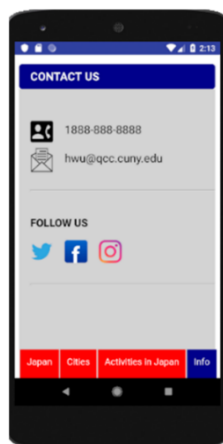
18. Insert the icon images, phone and email, to the two division. Remember that for the images to sit on the left size of the container, you might need to use **float: left;**, add padding to the divisions, and adjust the height and width of the icon images to the adequate size. The email should link to your student or personal email using the **mailto** attributes.



19. Once you have phone and email information set, you can remove the border. Also, you can add a break after the two divisions.



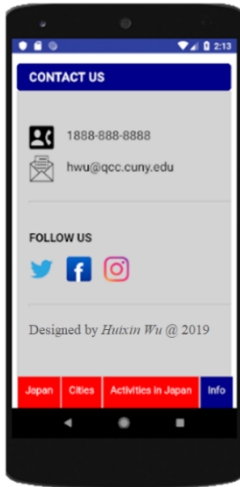
20. Now, you can add the social media contact using flex-container. Add a break after the media logos.



21. The last step is to add your credentials to your app. For example, you can write one of the following:

- Copyright @ “write your full name” 2020
- Designed by “write your full name” @ 2020
- 2020 @ “write your full name”

In the credential, your name should be in italic.



22. Now that you are done with your app design, the last step is to link each navigation bar to a specific part of the same app page.

----- **You are done! Good luck!** -----