WEB PROGRAMMING AND APPLICATIONS

(503073)

WEEK 4

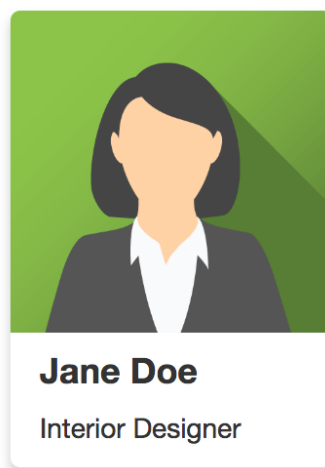### Prepared by Mai Van Manh

Exercise 1: Use Bootstrap grid system to design a web page has:

1. 6 columns of item on large screen (large desktops).
2. 4 columns of item on medium screen (desktops).
3. 3 columns of item on small screen (tablets).
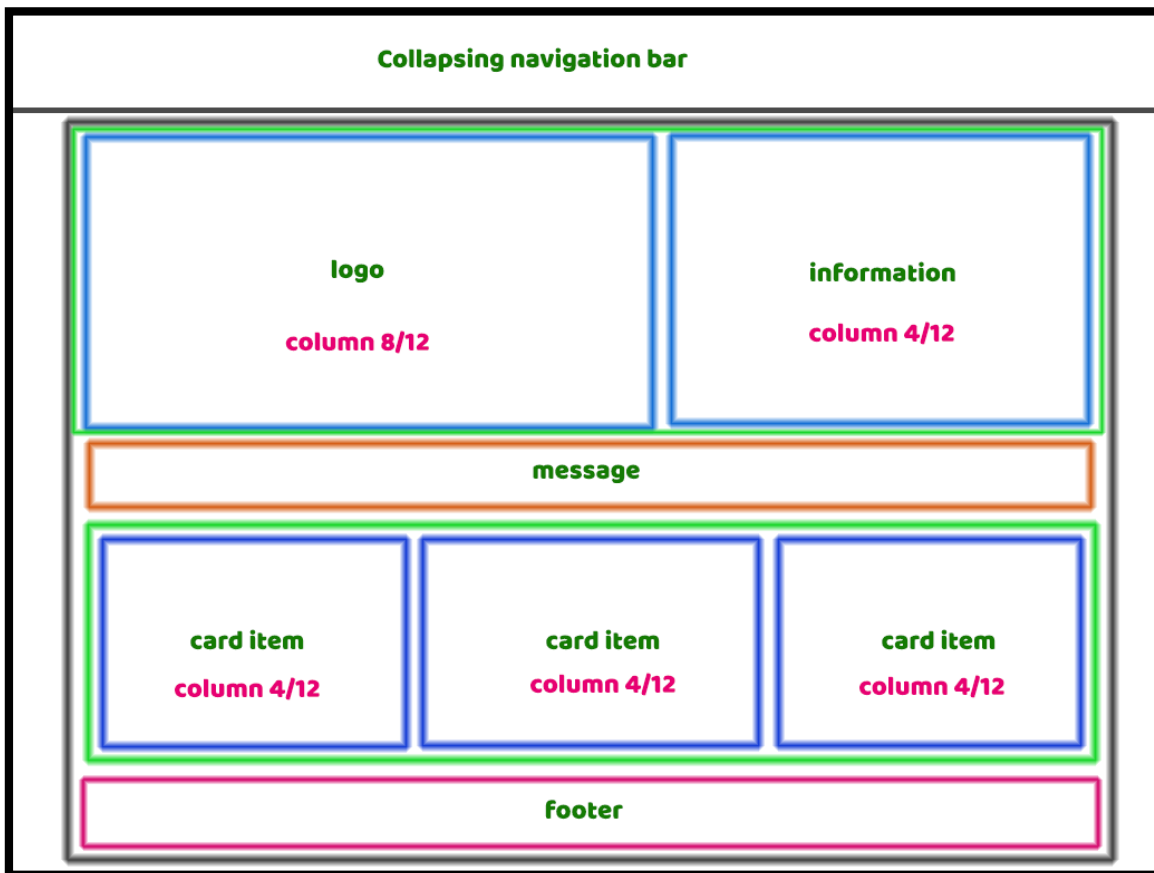4. 2 columns of item on extra small screen (mobile phones).

View the source code of **responsive.html** to get a better understanding.

See https://www.w3schools.com/bootstrap/bootstrap_grid_system.asp for more information about bootstrap grid system.
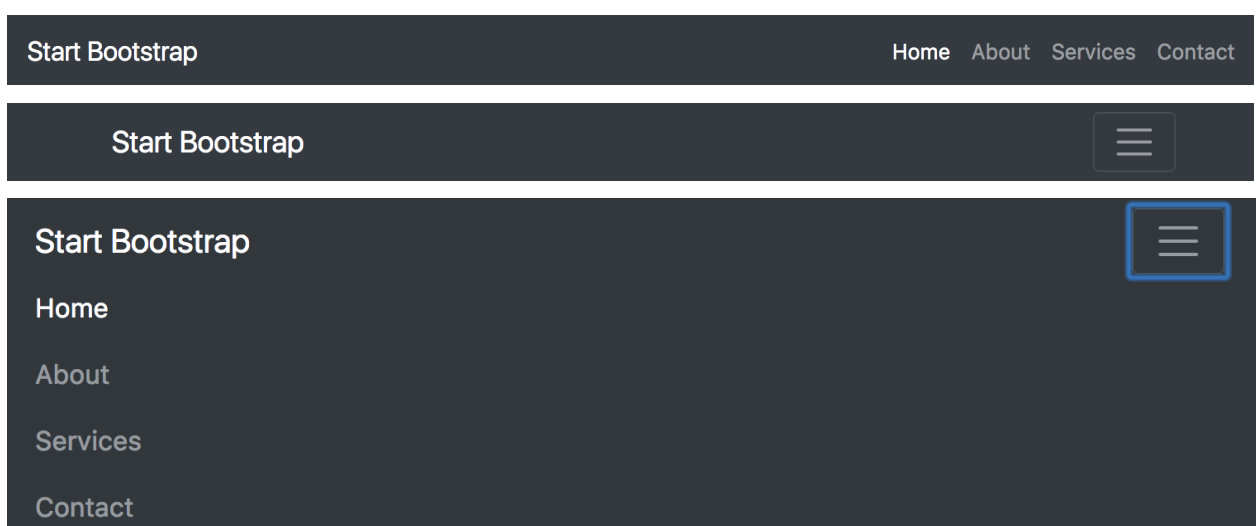
You can easily create a card like this by using css *box-shadow* property, use css *hover* and increase the shadow broader to make an animation.

Exercise 2: Use this diagram for the web page structure:

1. To create a dymamic menu, use bootstrap collapsing navigation bar:

https://www.w3schools.com/bootstrap/bootstrap_navbar.asp

2. For the rest of UI elements, you can easily create it by css and bootstrap.

Exercise 3: Same as exercise 2, no need explaination.