

WEB PROGRAMMING AND APPLICATIONS

(503073)

WEEK 4

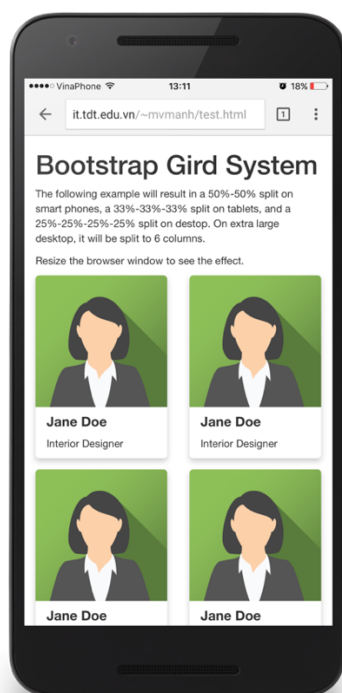
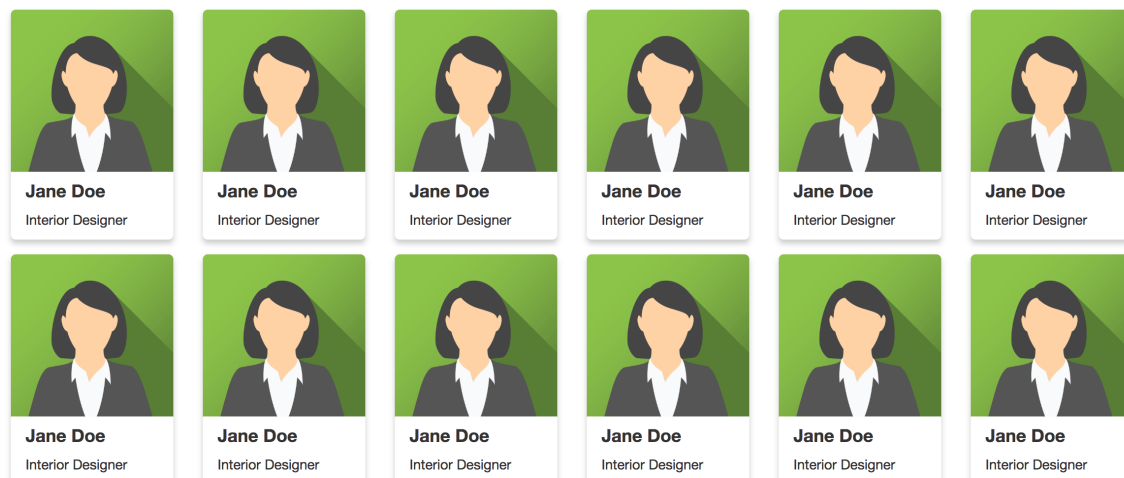
Prepared by Mai Van Manh

Exercise 1: Use [Bootstrap Grid System](#) to design the following responsive web page:

Bootstrap Grid System


The following example will result in a 50%-50% split on smart phones, a 33%-33%-33% split on tablets, and a 25%-25%-25%-25% split on desktop. On extra large desktop, it will be split to 6 columns.

Resize the browser window to see the effect.




See example video (*exercise1-demo.mp4*) for better explanation.

Username



Username

Password



Password

☒ Remember me

Login

Exercise 3: Use Bootstrap 4 to design an HTML form like the one bellow. You are allowed to use only Bootstrap 4 provided classes, please do not write any CSS code (inline, internal, external css).

First name

First name

Last name

Last name

Username

Username

Password

Password

Gender

☐ Male ☐ Female

Country

Vietnam

☒ Remember me

Login

Reset

First name

First name

Last name

Last name

Username

Username

Password

Password

Gender

☐ Male ☐ Female

Country

Vietnam

☒ Remember me

Login

Reset

Desktop version

Mobile version

When the login button is pressed, you need to use Javascript code to check the form validation result and display corresponding error messages (**remember to use only Bootstrap**) if the form validation result is failed.

First name

First name

!

Last name

Last name

!

Username

Username

!

Please enter your username

Password

Password

!

Password is not valid.

Gender

☐ Male ☐ Female

Country

Vietnam

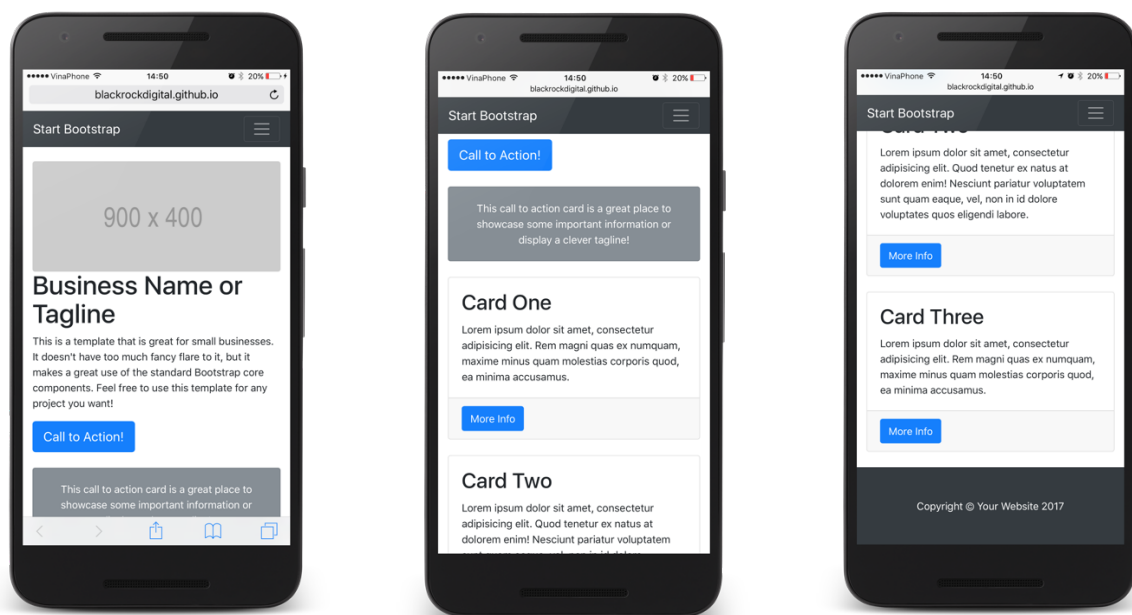
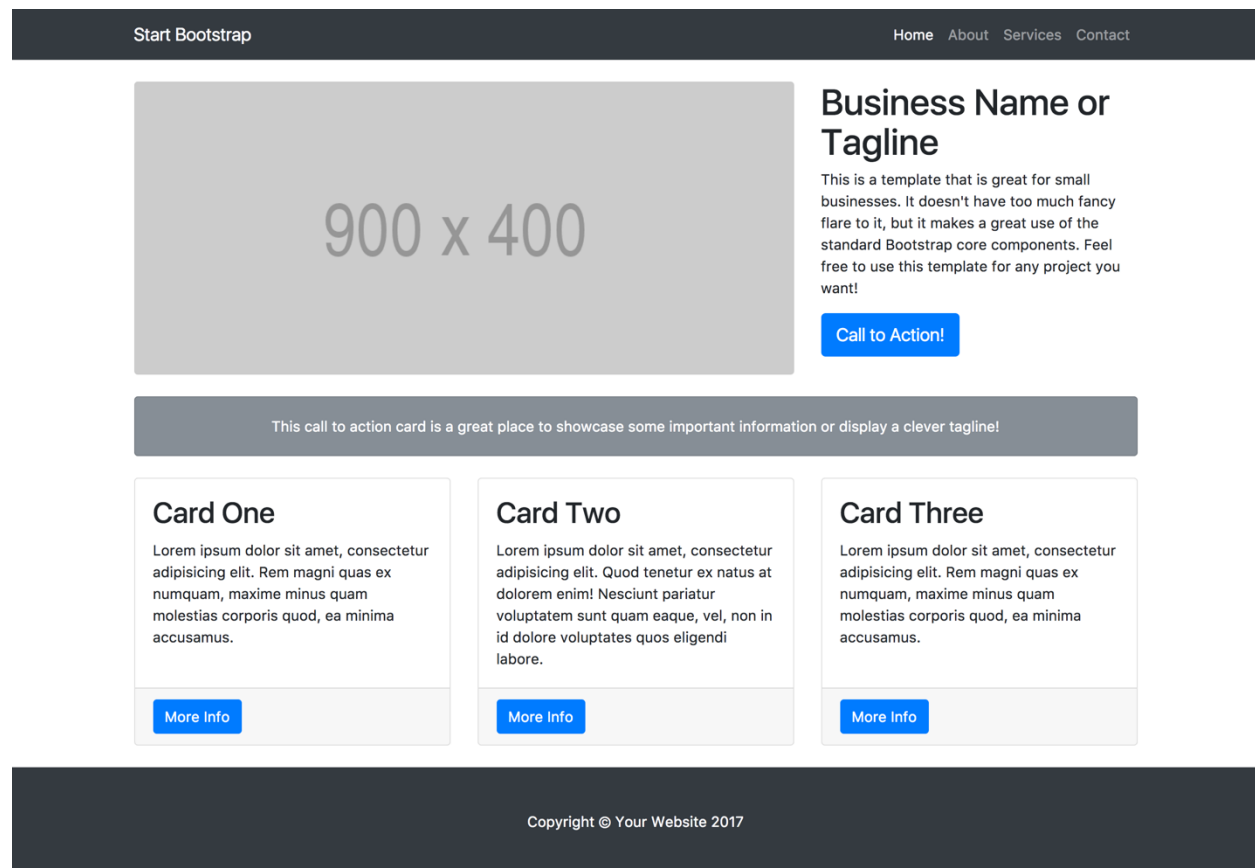
✓

☒ Remember me

Login

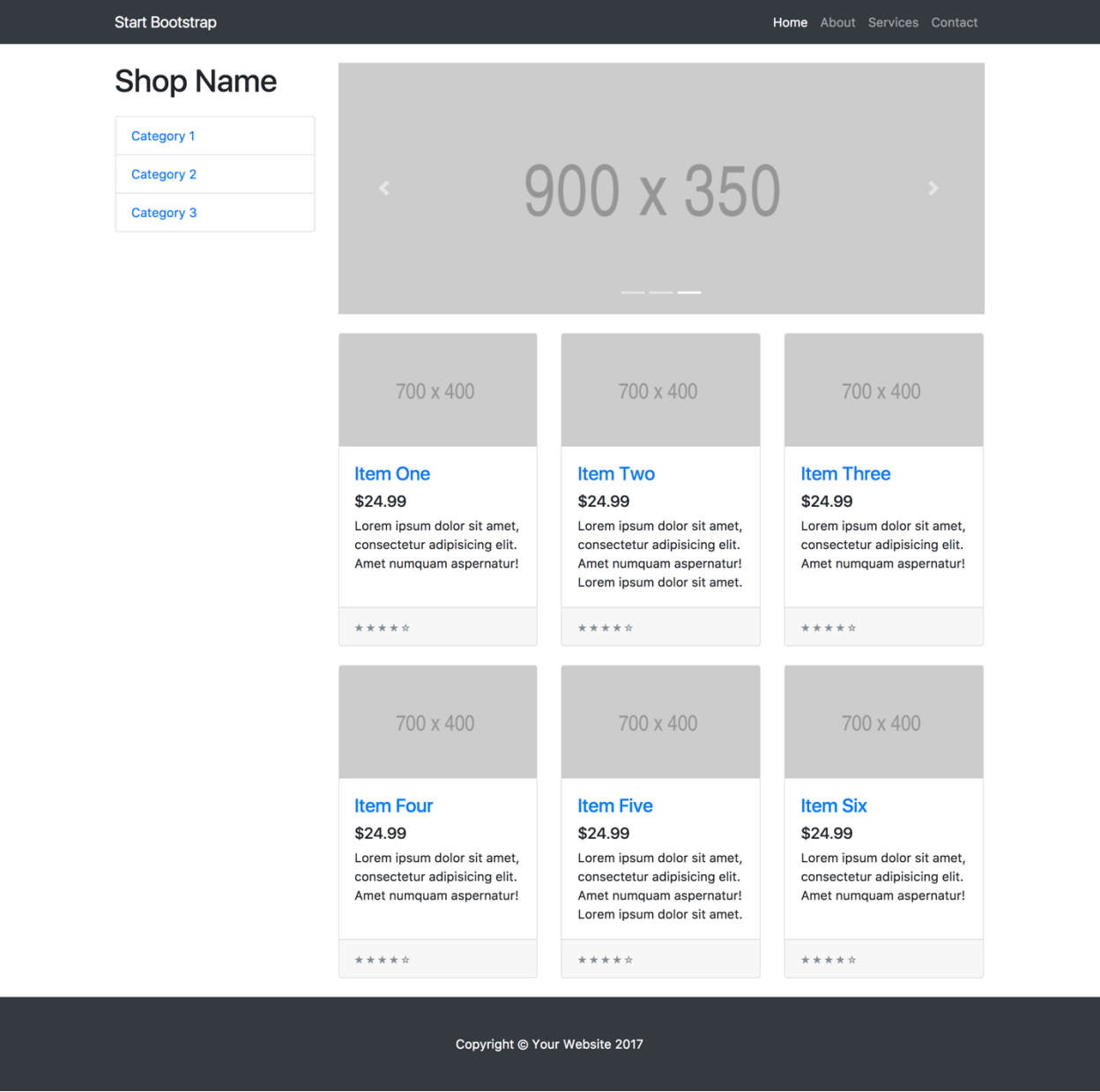
Reset

Exercise 4: Create a responsive website look like the following screenshots:



See example video (*exercise4-demo.mp4*) for better explanation.

Exercise 5: Create a responsive website look like the following screenshots:



See example video (*exercise5-demo.mp4*) for better explanation.