

WEB PROGRAMMING AND APPLICATIONS

(503073)

WEEK 4

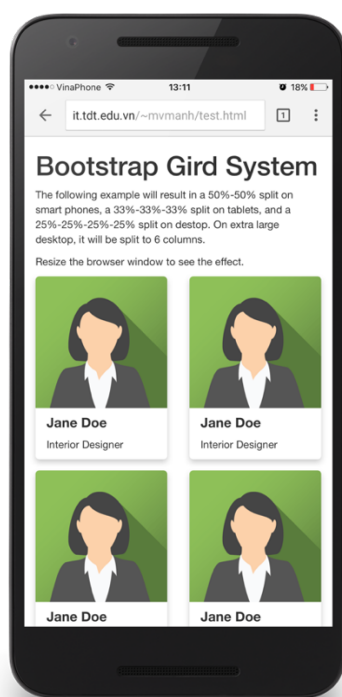
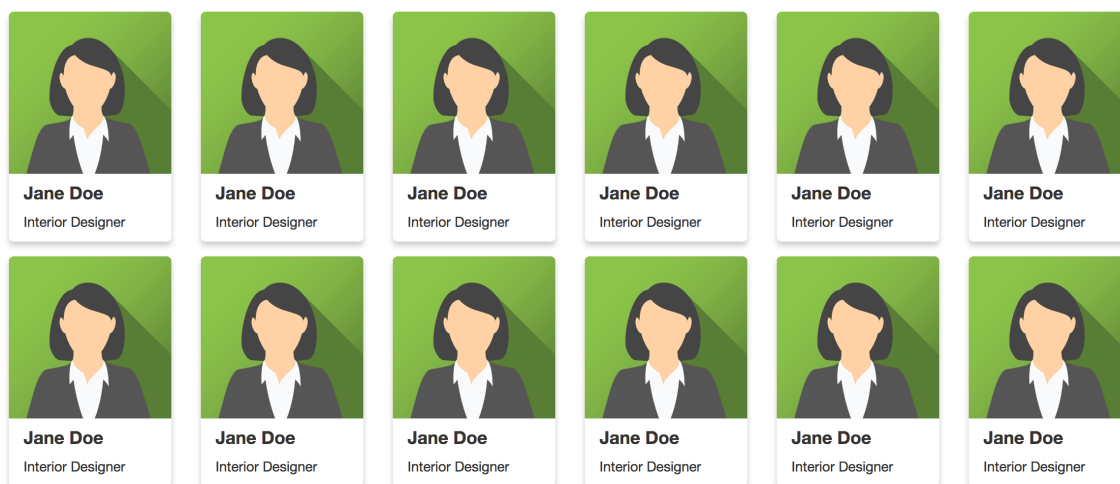
Prepared by Mai Van Manh

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.

Exercise 2: 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

Last name

First name

Last name

Username

Username

Password

Password

Gender

☐ Male ☐ Female

Country

Vietnam

☒ Remember me

Login

Reset

Desktop version

First name

Last name

First name

Last name

Username

Username

Password

Password

Gender

☐ Male ☐ Female

Country

Vietnam

☒ Remember me

Login

Reset

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

Last name

First name

Last name

Username

Username

Password

Password

Gender

☐ Male ☐ Female

Country

Vietnam

☒ Remember me

Login

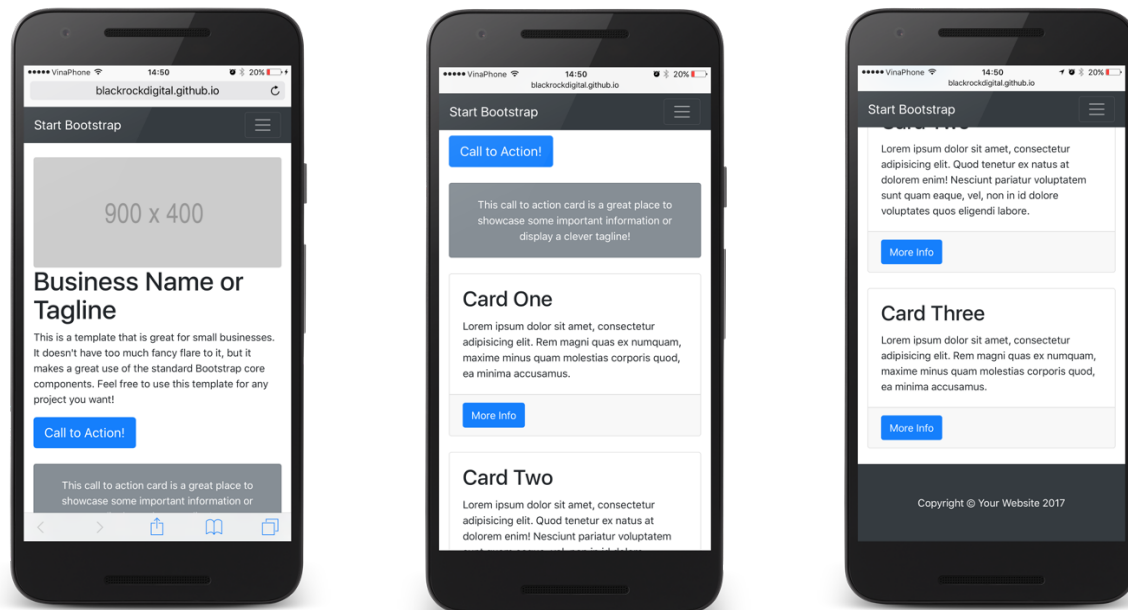
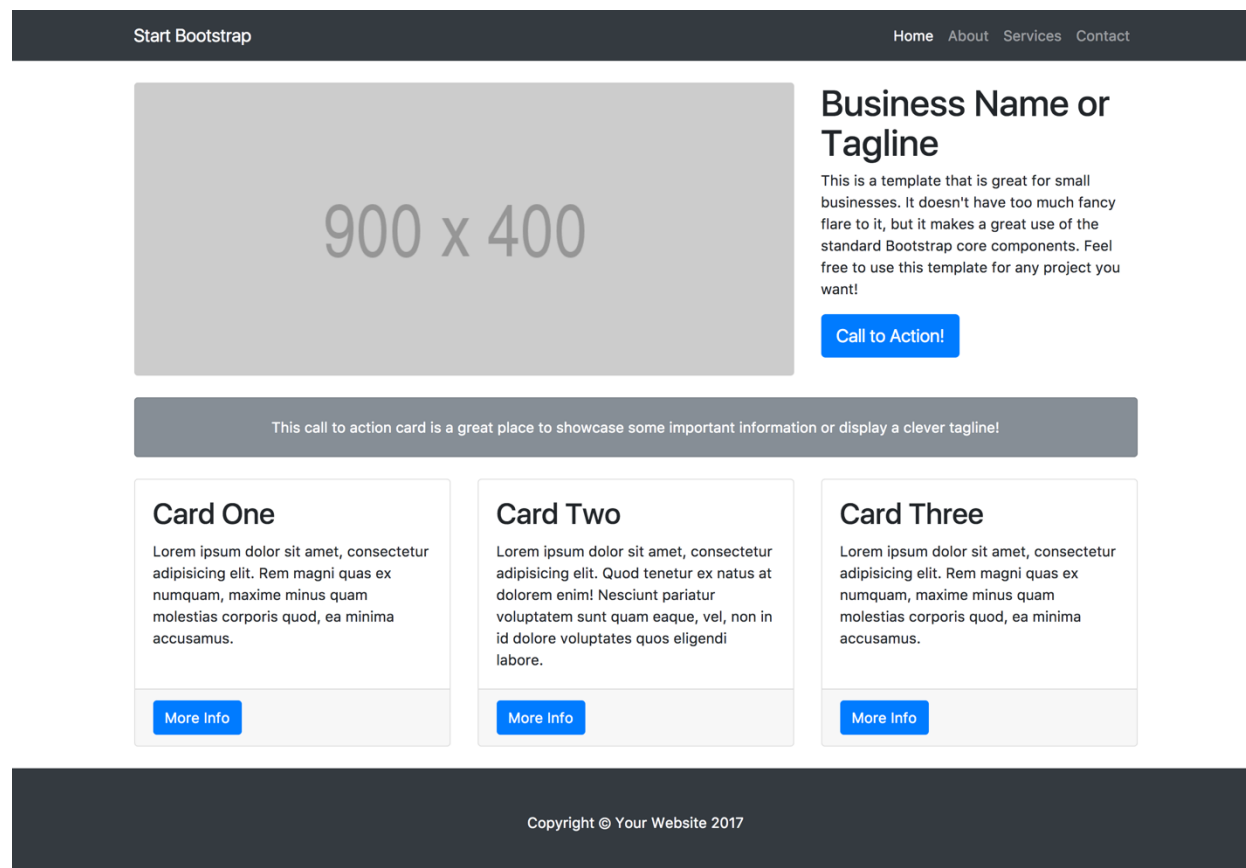
Reset

Last name is required

Please enter your username

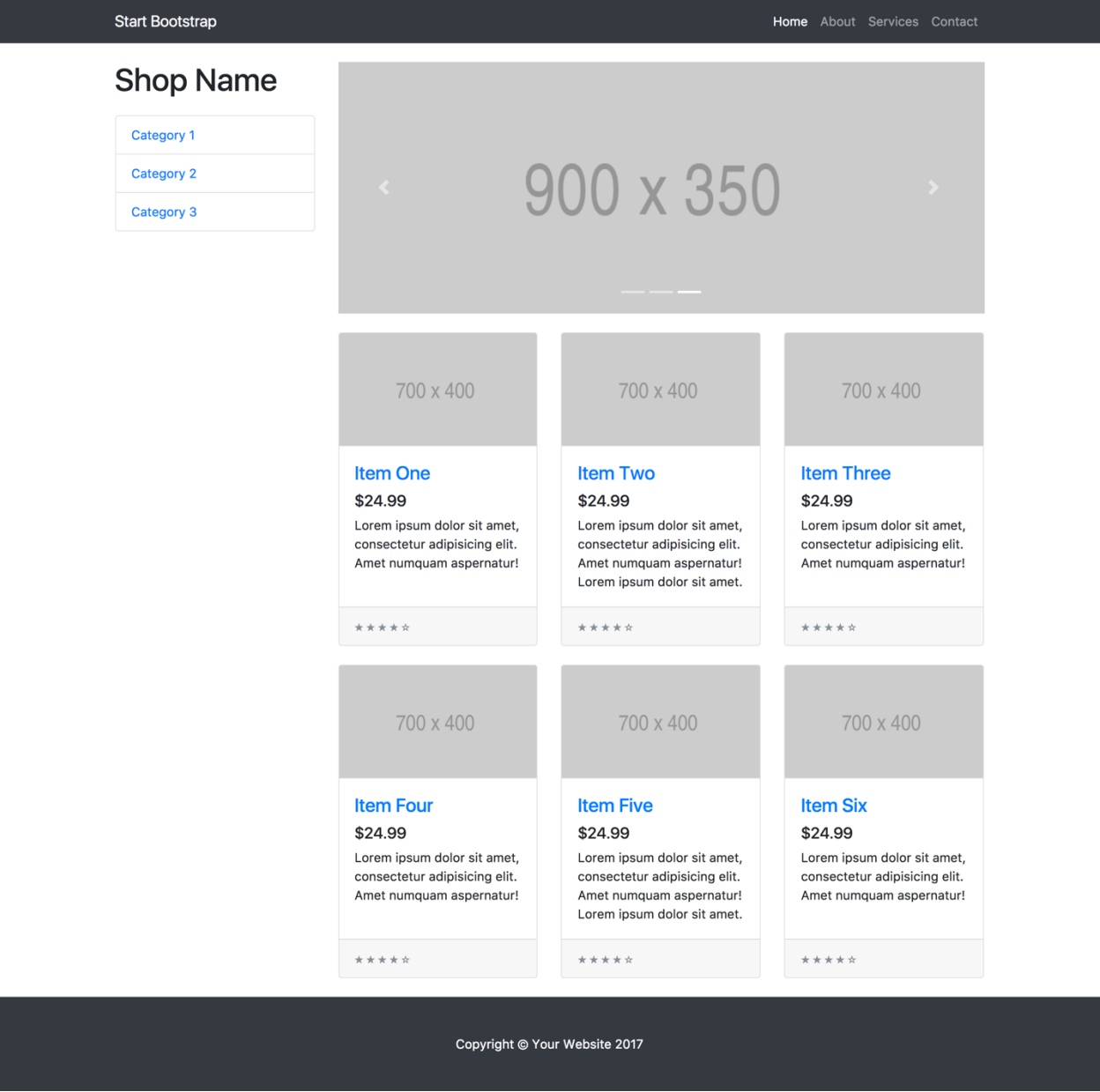
Password is not valid.

Exercise 3: Create a responsive website look like the following screenshots:



See example video (*exercise2-demo.mp4*) for better explanation.

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



See example video (*exercise3-demo.mp4*) for better explanation.