INFS3202/INFS7202 Web Information Systems

Semester One, 2020

In-Class Quiz 01

Held during YOUR REGISTERED practical session
Total marks: 5%
Duration: 100 minutes

1. Quiz Conditions

- There are two tasks in this quiz.
- This is an open book quiz
  - You are allowed to find solutions from the Internet or Lecture Notes.
  - You are allowed to use your own computer to do the quiz.
- You should write your code in the specified areas or modify the code as instructed. Otherwise your submission will **NOT** be marked.
- This is an individual assessment.
  - You are NOT allowed to get help from other people.
  - You are NOT allowed to reveal the quiz questions to other students.

2. Quiz Setup

- Ensure **Apache Web Server** is installed on your computer. **XAMPP is recommended.** Refer to **Blackboard/Learning Resources/XAMPP Installation Guide.**
- You are provided a CodeIgniter project **infs3202_quiz1.zip** with incomplete PHP scripts.
- Unzip the project **infs3202_quiz1.zip** to **/htdocs**.
- You are required to edit the code on the provided controller file **Quiz1.php** to complete the assigned tasks.

3. Submission

- Find your controller file **Quiz1.php**.
- Make a copy of **Quiz1.php** and rename it using the format of **sxxxxxxx_quiz1.php. (i.e., your student number)**
- Submit **sxxxxxxx_quiz1.php** to your corresponding Practical Folder on Blackboard.
  - **Assessment ➜ Quiz 1 Submissions ➜ [Your Prac]**
- Do **NOT** rename any function names as auto marking will be conducted.
- Any submission with a file name in the wrong format will not be marked.
- Late submission is not accepted. The submission link will expire when the practical session ends.

Task A (1 mark)

Task description

In this task, you are required to complete the function **task_a** in the controller **Quiz1.php** to load a single web page with CodeIgniter PHP framework. This page consists of three parts generated by **header.php**, **body.php** and **footer.php** in Views. The expected layout of the page (http://localhost/infs3202_quiz1/quiz1/task_a) is shown in Figure 1.
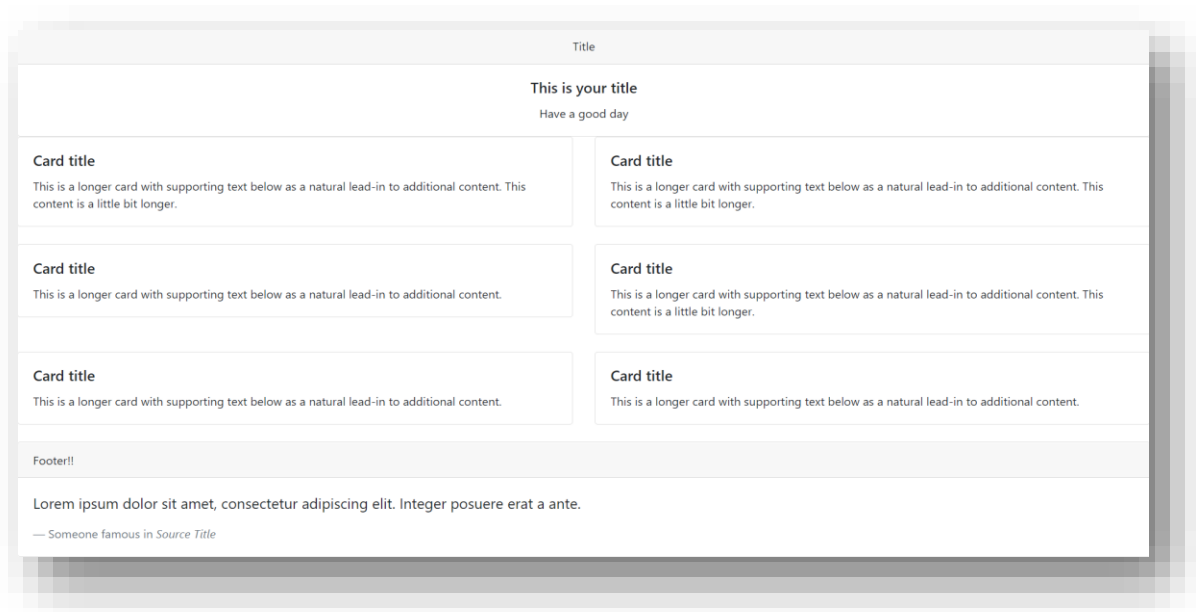

Figure 1

Task B (4 marks)

Task description

In this task, you are required to 1) complete the function **task_b** in the controller **Quiz1.php** to load the required page content, 2) write another function in the **same** controller to load the details for the pages in function **task_b.**

Note that, the default layout of http://localhost/infs3202_quiz1/quiz1/task_b is shown in Figure 2.
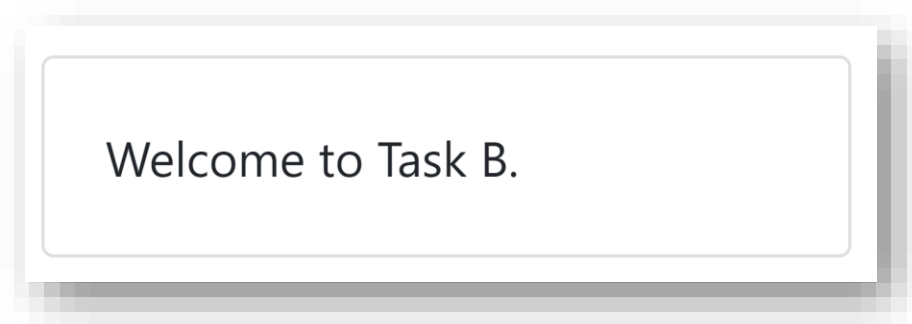

Figure 2

Subtask 1 (2 marks):

When a user visits http://localhost/infs3202_quiz1/quiz1/task_b, appends a page number (e.g., 1) to the URL, the content of the corresponding page (e.g., /views/task_b_pages/1.php) should be loaded. The layout of the page should be the same as Figure 3.
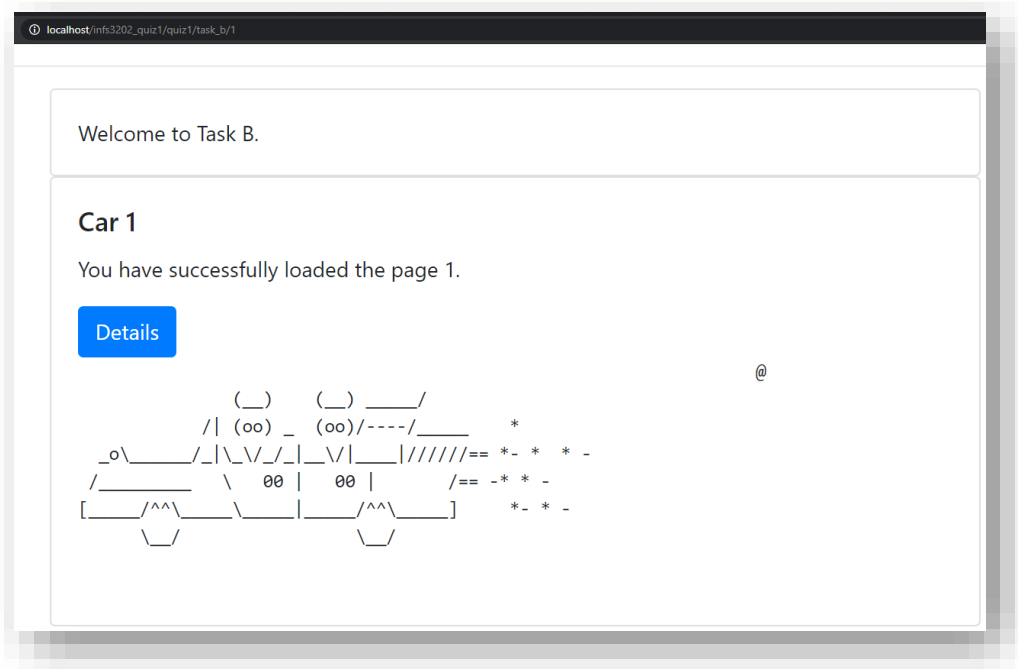

Figure 3

Subtask 2 (2 marks):

As an extension to Subtask 1, Subtask 2 requires you to complete the action when clicking the button "Details", which is that a new page will be loaded with the same file name however being stored in **/views/ task_b_pages_details/** instead. For example, when clicking "Details" on http://localhost/infs3202_quiz1/quiz1/task_b/1 (Figure 3), the page **/views/task_b_pages_details/1.php** will be loaded as shown in Figure 4.
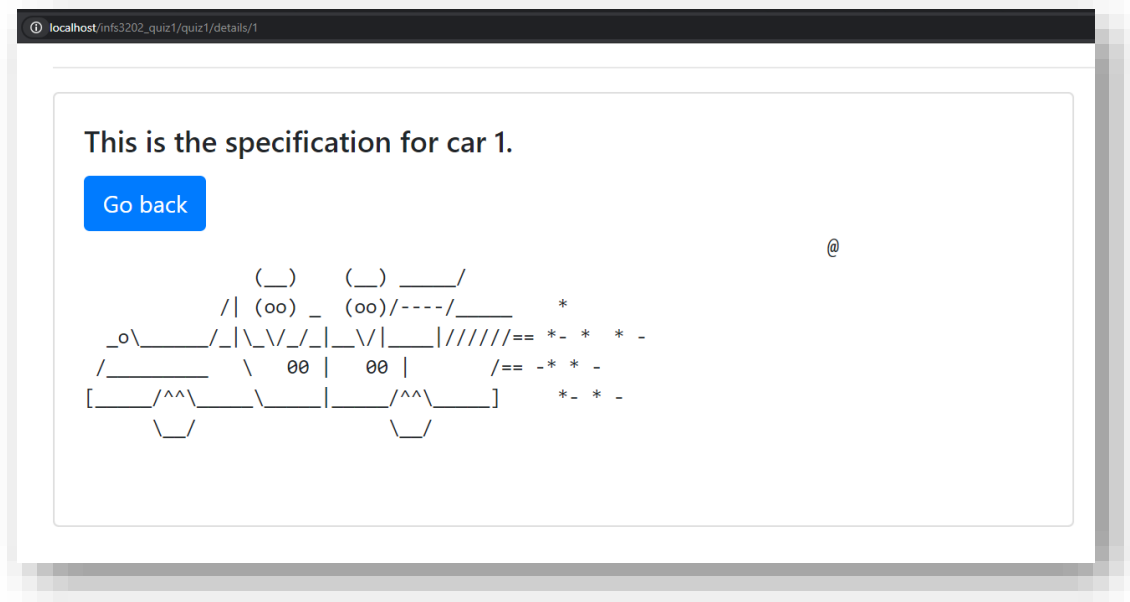

Figure 4

END