# VINH LONG UNIVERSITY OF TECHNOLOGY EDUCATION **PRACTICE CENTER**

# TEST PROJECT PRACTICAL SKILLS

**MODULE 1: WEB DESIGN** 

**Exam Paper Code: WD01** 

**SCHOOL LEADERSHIP** 

CHIEF SUBCOMMITTEE ON EXAM DEVELOPMENT

Vinh Long, month 07/2020

#### Guide contestants

Student's name	Date of birth	Placement	Module
			Web Design

### **GUIDE CONTESTANTS**

#### Time:

Preparation Time: 05 minutes
Time Duration: 150 minutes
Break Time: 10 minutes

#### **Scores:**

	Exam content		
1	1 Programming with HTML/CSS		
2	Programming with JavaScript	30	
3	Use the MySQL	10	
4	4 Programming with PHP		
	Total Marks	100	

#### Candidates are required to note:

- Ensure safety standards of health and computer
- Do the test independently without discussing while doing the test
- Comply with regulations of exam room and proctor's instructions
- Fill the information in the form
- Complete all requirements in the content of the exam
- Do not use documents, the Internet and other communication devices during the assignment
- If the exam does not have special requirement for the file name and storage location, contestants save all exam file name in the folder as following format:

#### D:\WorkSkills\Web Design

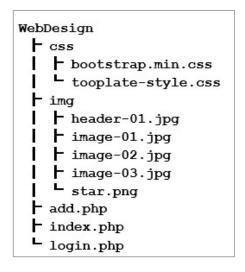
<Student's Name>\_< Student code >[.< extension >]

Student's name	Date of birth	Placement	Module
			Web Design

# CONTENT OF THE TEST

#### **Question 1:**

Programming with HTML/CSS: Use HTML/CSS code to design the following page



sername			
Enter Username			
assword			
Enter Password			

Figure 1 Directory structure of the project

Figure 2 Sign-in page interface

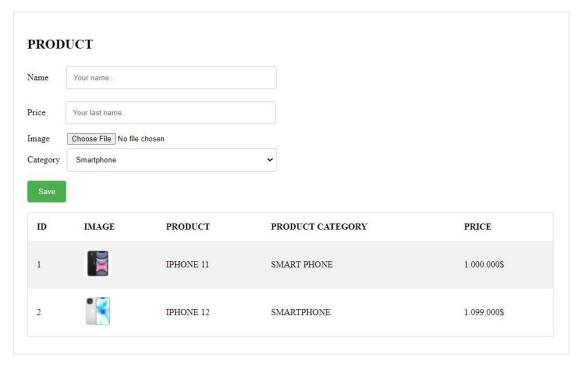


Figure 3 Add and manage product information

#### **DESCRIPTION OF PROJECT AND TASKS**

- All content that uses the system default font
- Input tags with input instructions
- Use the email style for the username tag, the password style for the Password card

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- Use color borders of input tags#ccc
- The push button uses color #4CAF50
- Use input tags that match data
- The title is in floral format and has a size of 30px

**Question 2: Programming with JavaScript:** Use Javascript to perform data checking requirements on a form

#### **DESCRIPTION OF PROJECT AND TASKS**

#### Page Loign

- Check email formatting as users enter data.
- Password validity checks must contain digital, character, special characters, and at least 6 characters.
- When an invalid sign-in email or password disables the sign-in button.

#### Page add Products

- Product name checks must have at least 2 words.
- Minimum product price from 1,000 and not vacant.
- Product photos are not blank, have extensions, and \*.png \*.jpg.s

#### **Question 3:**

#### **Use the MySQL create database Products:**

#### The database schema:

Table 1 "Account" table properties

Table name: Account			
Properties	Data type	Notes	
id_account	INT		
email	VARCHAR(100)		
pass	VARCHAR(100)		
create_date	DATETIME		

Table 2 "Product" table properties

Table name: Product		
Properties	Data type	Notes
id_product	INT	

#### Guide contestants

Student's name	Date of birth	Placement	Module
			Web Design

Table name: Product		
Properties	Data type	Notes
id_ product _category	INT	
id_account	INT	
name	VARCHAR(100)	
image	TEXT	
price	DECIMAL	

Table 3 "Product Category" table properties

Table name: Product Category			
Properties	Data type	Notes	
id_product_category	INT		
name	VARCHAR(100)		
description	TEXT		

#### **DESCRIPTION OF PROJECT AND TASKS**

Use MySQL database management system to create data structure, binding integrity. Add 10 news templates for each data table just created.

**Question 4: Programming with PHP:** Use PHP connected to MySQL to complete the following features

#### **DESCRIPTION OF PROJECT AND TASKS**

- Perform sign-in with data from the "Account" table, passwords stored and encrypted as MD5
- When the sign-in is successful, save the sign-in status and navigate to the index page.php
- Check the sign-in status on the **index.php.** If you're not signed in, navigate to the **login** page.php
- Add products and save data to the "Product" table

#### Assessment guidelines

Student's name	Date of birth	Position
		Web Design

# **GENERAL TRANSCRIPT**

	Exam content	Maximum Marks	Achieved Marks
1	Programming with HTML/CSS	30	
2	Programming with JavaScript	30	
3	Use the MySQL	10	
4	Programming with PHP	30	
	Total Marks	100	

#### **TEST TIME**

Get to know the equipment		Time Duration		Break Time			
Starting time		Starting time		Starting time		Starting time	
Ending time		Ending time		Ending time		Ending time	

# **TEACHERS' SIGNATURE**

1	2	3	4	5