Student's name	Date of birth	Position
		Web Design

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

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GUIDE CONTESTANTS

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

Scores:

	Exam content	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**

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 >]

CONTENT OF THE TEST

Question 1: Programming with HTML/CSS: Use HTML/CSS code to design the following page

Assessment guidelines

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```
WebDesign
├ css
│  ├ bootstrap.min.css
│  └ style.css
├ img
│  ├ header-01.jpg
│  ├ image-01.jpg
│  ├ shelf-bg.jpg
│  └ star.png
└ index.php
```

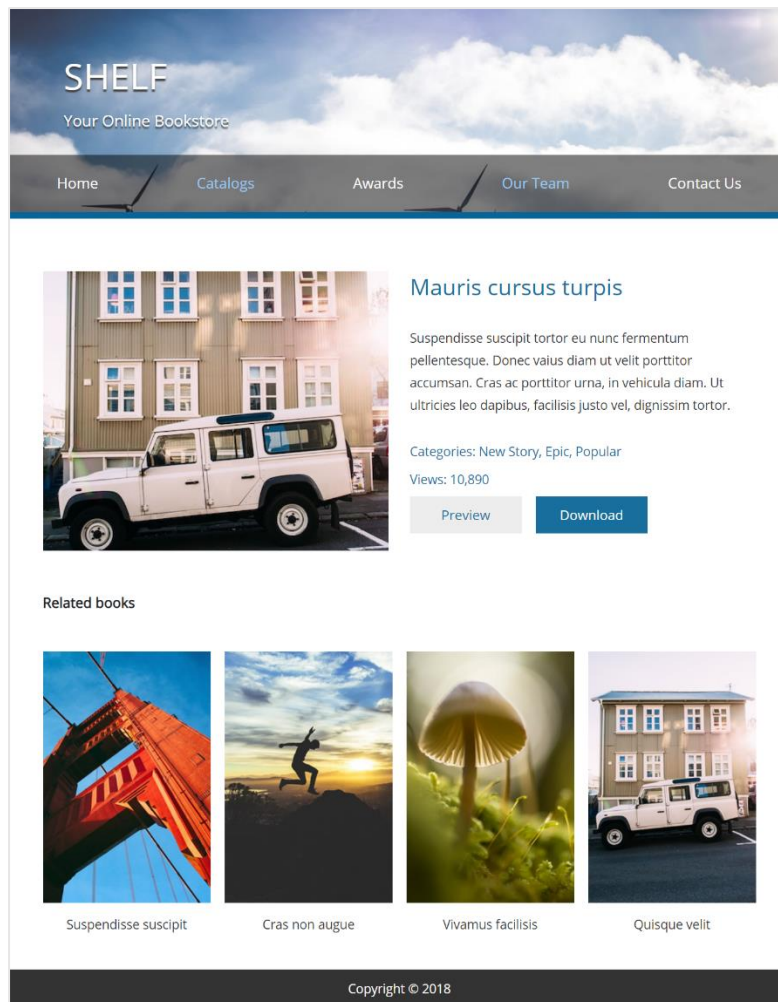*Figure 1 Project folder structure*

Figure 2. WEB layout interface

DESCRIPTION OF PROJECT AND TASKS

– All content that uses the system default font

– The title uses an H3 tag with a font size of 20px and is blue

– One-level menu and hover mouse effect with blue

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- "Related books" section divides 4 columns of content that change by column size
- The footer is black.

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

DESCRIPTION OF PROJECT AND TASKS

- Using Ajax performs a paged feature when the bar scrolls to 70% of the page**.**
- When the subs page shows more Related books content
- When the notification data is out on the footer section "Page content is out"

Question 3:
   Use the MySQL create database Books:

The database schema:

Table 1 "Book" table properties

Table name: Book		
Properties	**Data type**	**Notes**
id_book	INT	
id_book_category	INT	
name	VARCHAR(100)	
image	TEXT	
description	TEXT	
view	INT	
create_date	DATETIME	

Table 2 " Books Category" table properties

Table name: books_category		
Properties	**Data type**	**Notes**
id_ books_category	INT	
books_category	VARCHAR(100)	
description	TEXT	
create_date	DATETIME	

DESCRIPTION OF PROJECT AND TASKS

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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

– Show the book's details through an attached ID through the GET protocol

– Show related books that are almost identical to the title of the book (T-SQL LIKE)

– When a user views a book, increase the number of views of the book in the database

– When a user visits a page with a book id that doesn't exist in the database performs a navigate to the page with error code 404.

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

Assessment guidelines

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