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**

**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** |

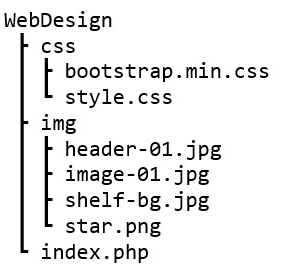
**Candidates are required to note:**

* 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

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*Figure 1 Project folder structure*

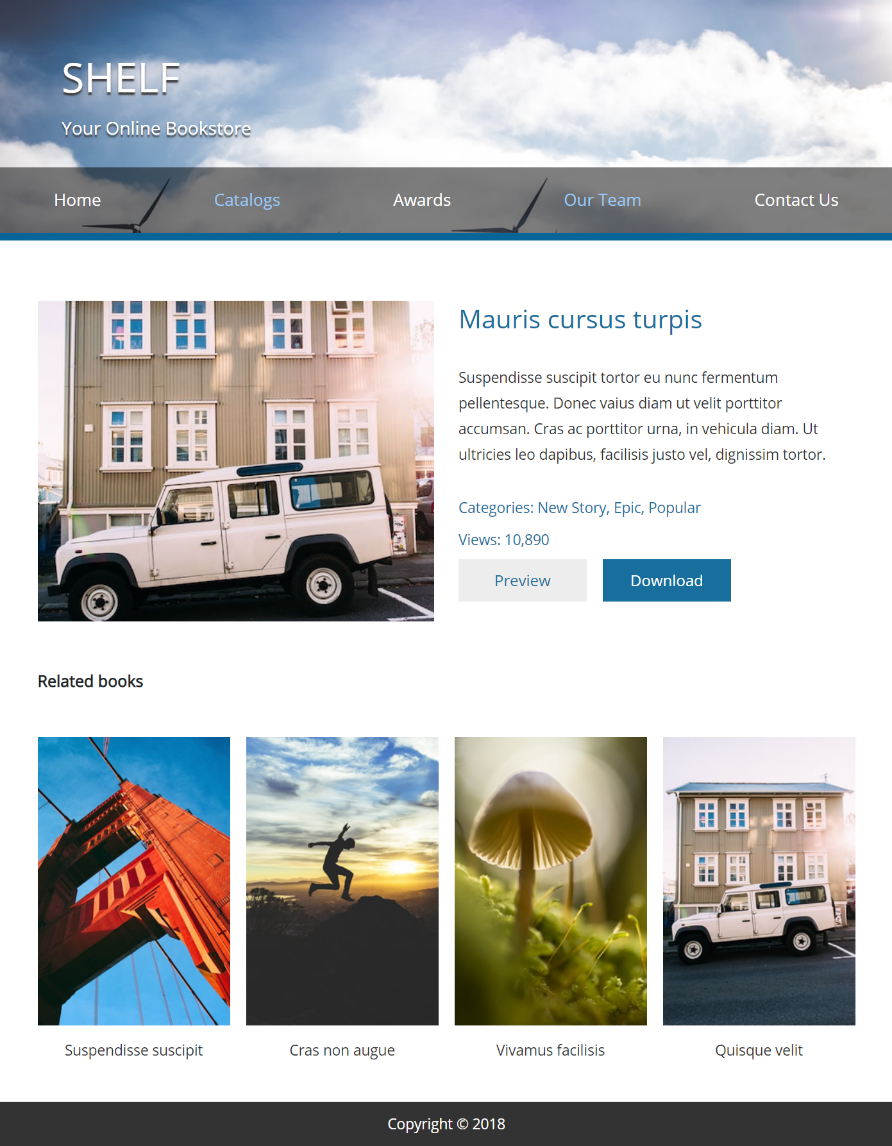


Figure 2. WEB layout interface

# **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
* "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**

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** |
|  |  |  |  |  |