University of Vavuniya

First Examination in Information Technology - 2019

First Semester - December 2020/ January 2021

Held in November 2021

IT1144 Fundamentals of Web Programming(Practical)

Answer All Questions

Time Allowed: Three hours

Instructions

- Create a folder on desktop, name with your index number and save all your files into that folder.

- All the images, colour codes, texts and templates are stored in **Resources Folder** inside the exam directory **IT1144**. All the common styles should include within **single Cascading style sheets** file and other styles can included with the respective documents.

1. The Department of Physical Science has decided to develop a website for the Research Center funded by AHEAD project. You are requested to develop the particular website which includes six web pages such as:

    - Home page - Home.html

    - High Performance Computer Laboratory - HighPerformLab.html

    - Embedded System Laboratory - EmbSysLab.html

    - Manuscript Laboratory - ManuLab.html

    - Multimedia Laboratory - MultimedLab.html

- Online Course Registration and News - Register&News.html

(a) Include the following requirements in your website:

    i. All the six pages must include the university logo, university name and the website name on the top of each page and all the contact details, copyright details must be included in the bottom of all the web pages.

    ii. Include the wallpaper for each page as shown in the **Reference.pdf**.

    iii. Create the menu tabs and they must navigate to the respective pages as given below:

        A. Home - Home.html

        B. Online Courses - Register&News.html

        C. News - Register&News.html

        D. Contacts - Register&News.html

    iv. All the texts must be appeared in web pages as given in the **Reference.pdf**.

    v. All the image galleries must be created separately for **each page and aligned** center.

    vi. Use appropriate directory structures, **naming, image sizes, font sizes, colours** and correct format for web pages.

(b) The requirements of Home.html **are given below:**

    i. Create all the changes and styles within the texts in Home.html image as given in the **Reference.pdf**.

    ii. The font size of the detailed paragraph in the home page must be changed while moving the mouse over it.

    iii. Images in the laboratory gallery must be navigated to the respective pages.

(c) The requirements of HighPerformLab.html, EmbSysLab.html, ManuLab.html and MultimedLab.html are **given below:**

    i. The name of the page must be displayed within the wallpaper image and all the names of gallery images also displayed using Tooltips.

ii. Styles of the images must change and Tooltips must display while moving the mouse on the images.

(d) The requirements of Register&News.html are given below:

i. Divide the page into two divisions and create Registration form and News separately.

ii. Insert all the appropriate texts in the web page given in the **Texts.docx**.

iii. The Online registration form must include the Name, Gender, Lab you prefer, Email, Contact Number, Message and a Submit button.

iv. Colour of Submit button must change while mouse move over it.

v. Create an animation for special offers as follows:

- Create a circle with yellow colour.

- Insert the text "75% off Registration Fee" into the circle.

- Colours of the circle must change from Yellow colour to Orange, Pink, Light green and Light blue.

- The circle should move infinitely and time for each move must 5 seconds. Use your own positions to move the circle.

(e) All the pages must be responsive to the devices less than **600px**.

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