Assignment #2
Instructor: Engr. Abdul Rahman
Web Programming, 08-10-2020

1

Students have to create **4 new web pages** for your personal portfolio, utilizing only HTML and CSS and JavaScript skills.

(A) cv.html [New page 1]
Your HTML5 microdata enabled CV (Resume – 1 page but detailed and should be very cool looking and nicely ordered under different heading that you can think of.)
https://schema.org/docs/gs.html

(**B) intro.html [New page 2]**
A brief introduction and biography of the candidate. This should be real and not fictitious. It shall include the following headings: (1) Introduction, (2) Why I'm Different, and (3) What I can contribute.

(C) project_proposal.html [New page 3]
Description of your term project proposal, document its features and development tasks and time line (Gantt chart), and estimate project development cost in terms of Rupees. Document name of group members (not more than 3 – cross section groups not allowed). Project should be based on Management Information System such as hospital management system, inventory management, bank management system, transport management etc. Avoid creating online book store or other shopping carts. Project should contain 15 core domain features (Note: login / logout/ dashboard is not core domain features). For example, online flight booking is a core domain feature of Travel and Tour planning management system.

(D) index.html [New page 4]
Main home page. This page is accessed by http://yourdomain.com/index.html. You may use any free PHP/HTML /MySQL based hosting provider (but without adds). This page shall contain: Famous / known inspirational quotation, Your name, your photograph, links to cv.html, intro.html, validation.html, readme.html and project_proposal.html.

(E) readme.html: [Assignment 1 old page] Create a README page that contains the step by step information about deployment, installation and configuration of your home page. Explain in detail how can someone install and configure your web site on his own web server. Document details about your hosting account, CPanel, FTP details etc. For this page use different styles for normal text, and monospaces font style for commands / code illustrations.

(F) validation.html: Create a Validation page that contains the output results from validator.w3.org and jigsaw.w3.org/css-validator of your web site.

(G) Do's: You need to follow following standards:
All HTML pages must pass HTML5 specifications via validator.w3.org. Use at least 1 CSS file. CSS must pass the official CSS validation via jigsaw.w3.org/css-validator. File names must be in lowercase and only [a-z0-9_.] characters can be used for file names. Use file names without any whitespaces. Proper indentation of the HTML code is required. Variable names should be in camel case. All content must be stored in your hosting site. All HTML pages must contain search engine friendly HTML meta-name keyword tags. Exclude your CV page from search engines by using ROBOTS.TXT. (Instructions for ROBOTS.TXT: www.robotstxt.org/robotstxt.html). CV page must be password protected (use htaccess or hosting provider's method). ***Use attractive styles and create good looking web pages.*** You can utilize the US web design system (USWDS) guidelines. But if you are confident in website design then you can go ahead without it. USWDS is not mandatory for this task.
(H) Don't: Don't use HTML Frames. Don't use any styling attribute in elements (e.g., <h3 align="center">). Don't use any styling element in html file (e.g., <strong>, <em>, <font>, <center>). All styling should go into CSS. Don't' absolute URLs for any resources and images. Don't use any Front-end frameworks such as Bootstrap. Don't use any publicly available CSS files / or other people CSS files. Don't use JavaScript / jQuery. Don't use any web site generator.

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2

(I)Top 10 mistakes in handling website images and how to solve them

https://cloudinary.com/blog/top_10_mistakes_in_handling_website_images_and_how_to_solve_them

Important Note:
1. Date assigned: 08-10-2020. Last date of submission is **14-10-2020 2 PM**.
2. Assignments will not be accepted after due date.
3. Students are required to submit the assignment **individually.**
4. Plagiarism, if detected, will result in zero marks.
5. Assignment must be submitted via slate only.
6. A document report in MS Word format **(in /doc folder)** will be required. Contents of Report [**Mandatory**]
   a. Cover Page of assignment must contain: Student name, Roll no, Date of submission and live **hosting URL**.
   b. Attach electronic snapshot of (this) assignment question after cover page.
   c. Screenshots of all the web pages.
7. Submit all the code of your portal (**in /code folder – HTML/CSS/JavaScript code**).
8. Submit the assignment after making a single tar.gz archive of the assignment files.
9. Name the file as "**YourName_RollNo_WPFa20Ass02.zip**"
10. Submit the assignment in your section on the google forms URLs that will be shortly be provided to you.
11. Submit Assignment in your section only (as registered in flex), otherwise you will get zero.
12. Assignment submission on Google Forms is restricted to your FAST-NU email ID only.
13. Ideal Zip size is 5-10 MB (web pages compressed). Don't upload more than 10 MB. See "**Top 10 mistakes in handling website images and how to solve them"** given above.
14. Submit your main page URL (free hosting) - mandatory. If you submit wrong URL you will get zero.
15. Only one submission of Assignment is allowed.

   Google Forms submissions:

   7A submissions: https://forms.gle/ekycrsByHbwCYDqY9
   7B submissions: https://forms.gle/tuthai3uBgFbhCd38
   7C submissions: https://forms.gle/fWJcVREtwhGV1ZPA8
   9A submissions: https://forms.gle/uLbhMzcx2FDzVdME7