

## DGM 1110

### Assignment 5: (HTML website completed as a class)

#### Objectives:

**Understand and explore the current standards of web development**

HTML 5

HTML5 is the next generation of HTML.

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#### *What is HTML5?*

HTML5 will be the new standard for HTML.

The previous version of HTML, HTML 4.01, came in 1999. The web has changed a lot since then.

HTML5 is still a work in progress. However, the major browsers support many of the new HTML5 elements and APIs.

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#### *How Did HTML5 Get Started?*

HTML5 is a cooperation between the World Wide Web Consortium (W3C) and the Web Hypertext Application Technology Working Group (WHATWG).

WHATWG was working with web forms and applications, and W3C was working with XHTML 2.0. In 2006, they decided to cooperate and create a new version of HTML.

Some rules for HTML5 were established:

- New features should be based on HTML, CSS, DOM, and JavaScript
  - Reduce the need for external plugins (like Flash)
  - Better error handling
  - More markup to replace scripting
  - HTML5 should be device independent
  - The development process should be visible to the public
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#### *The HTML5 <!DOCTYPE>*

In HTML5 there is only one <!doctype> declaration, and it is very simple:

```
<!DOCTYPE html>
```

Visit <http://www.w3schools.com> and complete all the simple tutorials in HTML Basic.

Create a simple website that has the following elements:

- 1) Pages index, family, hobbies, school, and work
- 2) Each page has a heading, and navigational bar
- 3) An ordered or unordered list
- 4) A paragraph of text,, blockquote text and simple style sheet.
- 5) At least six images
- 6) Title the webpage index.html and create an folder titled images for your images

**Deliverable a folder titled HTML that includes:  
index.html, family.html, school.html, work.html and hobbies.html**

Your project is worth 20 points and will be graded as follows:

- 5 All 5 pages
- 5 link connects and opens new window
- 10 Folder with correct naming convention and content