

**FIJI NATIONAL UNIVERSITY**  
**COLLEGE OF ENGINEERING SCIENCE AND TECHNOLOGY**  
**SCHOOL OF MATHEMATICAL AND COMPUTER SCIENCES**  
**DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION SYSTEMS**  
**CIN628: INTERNET AND WEB PROGRAMMING**  
**PROJECT 1: WEB DESIGNING AND HTML/XHTML**

**Total Marks: 45**

**Weighting: 15%**

**Due Date:** 22<sup>nd</sup> March, 2020

**Time:** 11.59pm

WebSeo Fiji is a reputable website designing and development company in Lautoka, Fiji. With the vastly different types of website development projects completed, WebSeo Fiji is able to attract a wide range of customers.

WebSeo Fiji recently attracted six different companies for website development. Below are the website project topics:

- Fiji Resort and Spa website
- Fiji Rental Car Hire website
- Fiji Printing Press Limited website
- Fiji Advertising Corp website
- Fiji Tasty Food Restaurant website
- Fiji Sports Club Limited website

All companies are making an additional payment for developing content and taking pictures from the site. Moreover, No payment engine shall be included in the websites. The website owners have limited knowledge on the website development process, and how it works, therefore, they are totally relying on WebSeo Fiji for content and website features. However, the organizations wish for the website to be very user-friendly and to be trendy.

**Part 1** **Website Design** **(10 marks)**

You are working for WebSeo Fiji as a website developer. Your management team has asked you to pick a website of your choice from the above list and start all possible work on the design of the website.

You are to:

- I. Use MS Word to create the design of the website.
- II. Show all possible features that need to be included in the website with their designated positions. Mandatory features to include are: links, the navigation bar(s), original logo, image placeholders, and two additional features of your choice. (5 marks)
- III. Clearly show all sections of the website. (1 mark)
- IV. Show the design of the home page and all other linked pages to the website. (2 marks)
- V. Label all sections and webpages (2 marks)

## Part 2

## HYPERTEXT MARKUP LANGUAGE

(35 MARKS)

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. Based on the website design from Part 1, you are to build your website using HTML and submit your files to the website development manager.

You are to:

- |       |  |            |
|-------|--|------------|
| I.    | Ensure that your website is neatly coded.  | (2 marks)  |
| II.   | Make use of XHTML Skeleton   | (2 marks)  |
| III.  | Not to include any styling element. The code used should only consist of plain HTML. |            |
| IV.   | Make use of headings, paragraphs, lists, link tags, and image tags.                  | (5 marks)  |
| V.    | Ensure that the html code represents the design in part 1                            | (10 marks) |
| VI.   | Carefully align and nest all appropriate html tags.                                  | (2 marks)  |
| VII.  | Include all images in a folder and configure the correct image pathway               | (1 mark)   |
| VIII. | The browser tab should contain a logo icon with the appropriate title.               | (2 marks)  |
| IX.   | Provide appropriate content and images to the website.                               | (4 marks)  |
| X.    | Link all pages in the navigation bar.  | (1 mark)   |
| XI.   | Include a link that opens up in a new tab.   | (1 mark)   |
| XII.  | Include at least 2 tooltips  | (1 marks)  |
| XIII. | All images to have alternate text contributing to search engine optimization.        | (2 marks)  |
| XIV.  | Include at least a button on the website.  | (1 mark)   |
| XV.   | Include an email address that opens up in a default mail system.                     | (1 mark)   |

### Submission:

Both parts 1 and 2 are to be saved in a folder and zipped for submission via the provided dropbox. Files are to be clearly saved as studentID\_Name (e.g. S2010003149\_Munil Goundar).

**Backup:** Make regular backups of your assignment to avoid disappointments.

**Submitting late:** Start EARLY. Also when you finish, don't hold on to your assignment till the last moment. Submit as soon as you are satisfied with it.

**Plagiarism:** refers to submitting or presenting someone else's work, writing, invention, or other creative work, as his/her own work, writing, invention, or other creative work. Plagiarism may exist in the following forms:

1. The work submitted was done in part or whole by an individual other than the one submitting or presenting the work.
2. The whole work or parts of it are copied from another source without due reference.
3. A student submits, in one Course, work which has already been submitted in another Course, without prior arrangement with both Course lecturers. It's important that you avoid plagiarism. Not only do you expose yourself to possibly serious disciplinary consequences, but you'll also cheat yourself on a proper understanding of the course.