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Faculty of Applied Science & Technology

Department of Computer Science & Information Systems

B.SC Honours in Information Systems

Course Name: Web Technology & Mobile Application Development

Course Code: BSCIS 223

Semester: 2.2

Year: 2021

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Assignment 2

Question

Develop a website for an organization of your choice. Provide as much functionality as possible to cover the needs of the organization as well as its prospective clients & partners. Your website should incorporate the following:

- i. Dynamic web pages that incorporate JavaScript functions and events
- ii. Dynamic web pages that incorporate PHP functions for uploading files, forms, posting and getting content from server
- iii. Security on web pages
- iv. Graphics objects and animation

Marks are allocated as follows:

ITEM	COMMENTS	MARK
Integrate PHP/JavaScript functions in HTML [20 marks] <ul style="list-style-type: none">❖ Embedding PHP functions in HTML tags❖ Embedding JavaScript functions in HTML		
Creating and applying usage of: <ul style="list-style-type: none">❖ Forms, functions, arrays, operators, String objects, Standard objects, Echo etc. [20 marks]		
Post content to database/file [10 marks] <ul style="list-style-type: none">❖ Upload files		
Get content from a database/file [10marks] <ul style="list-style-type: none">❖ Download files		
Applying control constructs <ul style="list-style-type: none">❖ Looping and Selection		
Functionality of the Website [30 marks] <ul style="list-style-type: none">❖ Execution of the Website❖ Is it operating as expected & producing required outputs?❖ Error free		
Creating the application manual [10 marks] <ul style="list-style-type: none">❖ Detailed installation procedures❖ Usage instruction for possible users		
TOTAL [100]		