

CO	No	Criteria	1	2	3	4	5	Mark
CO1 (10%)	1	Develop web application using appropriate framework/tools	Do not use any framework/tools			Using source code editor tools such as Notepad++, Visual Studio Code, Sublime	Using latest framework technologies such as Laravel, ASP.net, CodeIgnitor	5
	2	Using free web hosting server to host the develop web application	Attempted to use a web hosting server but unsuccessful		Successfully host a web application using a free web hosting server with a major error	Successfully host a web application using a free web hosting server with a minor error	Successfully host a web application using a free web hosting server without any error	5
Total Percentage (CO1)								10marks (10%)
CO2	3a	Number of web pages created for the web application	At least ONE (1) web page without any link or connection to other pages or menus	At least TWO(2) web pages partially link or connection all pages or menus	At least THREE (3) web pages completely link/connected all pages or menus	At least FOUR(4) web pages completely link/connected all pages or menus	More than FOUR(4) web pages completely link/connected all pages or menus	5
	3a(i)	Responsive and mobile-friendly web application	The site is poorly responsive and works on limited sizes of devices	The site is less responsive and works on limited sizes of devices	The site is partially responsive and works on several sizes of devices	The site is adequately responsive and works well on almost sizes of devices	The site is fully responsive and works well on all sizes of devices	5
	3a(ii)	Original, straight-forward and engaging content	The content is confusing, unmeaningful, and very difficult to follow	The content is somewhat confusing, unmeaningful, and somewhat difficult to follow	Fair content that is presented in a somewhat clear manner that is easy to follow	Good content that is fairly a clear manner that is easy to follow	Excellent content that is presented interestingly with a clear manner that is easy to follow.	5
	3a(iii)	Easy to navigate web application with clean aesthetics design	The site is difficult to navigate, extremely non-intuitive for the user and not aesthetics	The site is somewhat difficult to navigate, and non-intuitive for the user with minimal aesthetics design	The site is fairly easy to navigate, somewhat intuitive for the user, with decent aesthetics design and some room for improvement	The site is simple and easy to navigate, sufficiently intuitive for the user and has a fairly aesthetic design	The site is effortlessly easy to navigate, straightforwardly intuitive for the user, and aesthetically pleasing	5
	3a(iv)	Consistent design for the web application throughout	Background, font, text format, frame, tables and other relevant elements usage are randomly chosen and pages seem unrelated	Background, font, text format, frame, tables and other relevant elements usage are randomly chosen with few consistent elements throughout	Background, font, text format, frame, tables and other relevant elements are somewhat consistent with little inappropriate variation.	Background, font, text format, frame, tables and other relevant elements are carefully chosen to produce a fairly consistent screen layout for all pages.	Background, font, text format, frame, tables and other relevant elements are carefully chosen to produce a consistent screen layout for all pages.	5
	3a(v)	Effective and suitable colour scheme	Little thought went into the choice of colors, combinations of colors are unbalanced & negative	Little thought went into the choice of colors, combinations of colors do not match character of the site	Color used somewhat appropriate to produce an atmosphere that expresses the character of the site.	Color used fairly appropriate to produce an atmosphere that expresses the character of the site.	Color is appropriately used to produce an atmosphere that expresses the character of the site	5

CO2 (40%)	3b	Using CSS external files for the look and feel of application	At least <b>ONE (1)</b> external CSS files with less than 15 CSS properties	At least <b>TWO (2)</b> external CSS files with less than 15 CSS properties	At least <b>TWO (2)</b> external CSS files with more than 15 CSS properties	<b>TWO (2)</b> or more external CSS files with more than 15 CSS properties	<b>TWO (2)</b> or more external CSS files with more than 20 CSS properties	5
	3c	Create database with appropriate number of tables	Manage to create database with <b>less than THREE(3) tables</b> ,attempted but unsuccessfully connect web pages to database	Manage to create database with <b>less than THREE(3)</b> tables, successfully connect web pages to database ,and perform CRUD function but with <b>major error</b>	Manage to create database with <b>THREE(3) tables</b> , successfully connect web pages to database ,and perform CRUD function with <b>major error</b>	Manage to create database with <b>THREE(3)</b> or more tables, successfully connect web pages to database ,and perform CRUD function <b>minor error</b>	Manage to create database with <b>THREE(3)</b> or more table, successfully connect web pages to database ,and perform CRUD function <b>without error</b>	15
	3d(i)	Create appropriate and useful PHP functions for the web application	At least <b>ONE(1) CRUD</b> function, relevant to the design specification of the project and goal but executes with <b>major error</b> or non-existent	At least <b>TWO(2) CRUD</b> functions, relevant to the design specification and goal of the project but executes with <b>minor error</b>	At least <b>THREE(3) CRUD</b> functions, relevant to the design specification and goal of the project but executes with <b>minor error</b>	<b>THREE(3) or more CRUD</b> functions relevant to the design specification and goal of the project but executes with <b>minor error</b>	<b>THREE(3) or more CRUD</b> functions relevant to the design specification and goal of the project and executes well <b>without any error</b>	15
	3d(ii)	Construct appropriate and useful function for the web application using JavaScript	Scripts is not logically constructed and contains redundancie . Lacks the appropriate data structures, variables, or functions and function not working	Scripts is not logically constructed and contains redundancie . Lacks the appropriate data structures, variables, or functions and function executes with major error	Simple function with scripts that are mostly efficient and correct, with one or two instances of redundancy. The program may be improved to refine it quality. Function executes with minor error	Intermediate-level funcion with scripts that are efficient and utilize variables, functions, and data structures appropriately. The program may be improved to refine its quality Function executes without error	Advance-level functions with scripts that are efficient and utilize variables, functions, and data structures appropriately. Function executes without error.	10
	3e	Identify and implement suitable data validation & verification	<b>Poor</b> implementation of data validation & verification and <b>not function due to major error</b>	<b>Weak</b> implementation of data validation & verification and <b>partially function with major error</b>	<b>Sufficient</b> implementation of data validation & verification and <b>partially function with minor error</b>	<b>Good</b> implementation of data validation & verification and <b>function without error</b>	<b>Excellent</b> implementation of data validation & verification and <b>function well without error</b>	5
	4(i)	Design and generate suitable and meaningful analytcis dashboard	Less appropriate design and novice creation of analytcis dashboard with incomplete and cluttered presentation	Less appropriate design and novice creation of analytcis dashboard with less readable and clear presentation	Appropriate design and modest creation of analytcis dashboard with readable and clear presentation	Appropriate design and proficient creation of analytcis dashboard with clear and informative presentation	Appropriate design and advanced creation of analytcis dashboard with appealing and informative presentation	10
	Total Percentage (CO2)							
Final								100%