

Question 1

COMPUTER PROJECT will need a preparation document that relates to preparatory phases and testing documentations. The testing studies the received document (analyses the defined site functionality, examines the final layouts of the site and makes a website test for further testing.

The main artefacts related to the website testing are analysed on the stage by stage:

- 1) Requirements
- 2) Test Plan
- 3) Test cases
- 4) Traceability Matrix

Functional testing is aimed to ensure that each function of the website operates in conformance with the requirement specification. Website testing of the functionality shows "What is the systems does"

The important to verification is needed when create a website are:

- 1) Outbound links
- 2) Internal links correctness
- 3) There are no links leading to the same page
- 4) The links that are used to send emails to site administration
- 5) If there are pages that are not references
- 6) There are no broken links

Form testing for all pages

You use forms for interactive communication with your customers. so , the following points should be checked:

- 1) The input data validity
- 2) Allowed values for the data field
- 3) Invalid input values for the data field
- 4) Options for the form in which deletion or any other modification
- 5)

Cookies testion

Cookies testion are small files that are stored on the user's computer after visiting your page.

- 1) Test a site with disabled cookies
- 1) Test a site enable cookies
- 2) Verify the cookie is encrypted before being written to the user's machine
- 3) Check the security aspects when removing the cookies
- 4) If the cookies have a duration of action, then it is tested whether they are active in the specified period of time.

HTML and CSS Validation

- 1) HTML Syntax error
- 2) Verify the site is available for search machines
- 3) Verify XML and HTML format

You can use the tools for functional website testing:

For example: Selenium

Linux Test project

JUnit

Sprinter by hewlett

Packard enterprises (manual testing)

browser stack both automated and manual testing.

The benefit of having a company website is as crucial as having a shop, office or telephone number. Having a company website means customers are always able to find you at any time anywhere. Even outside your business hours, your website continues to find and secure new customers. It offers the users conveniences as they can access the information they need in the comfort of their own home, with no added pressure to buy. plus , as most companies nowadays have their own website, there's every chance you could be losing customers to your competitors by staying offline.

At its simplest, a website provides a quick and easy way of communicating information between buyers and sellers. You can list your opening hours, contact information, show images of your location or products, and use contact forms to facilitate enquiries from potential customers or feedback from existing ones. You can even upload promotional videos to really engage your customers and sell your business in an effective and cost efficient way. This is also a good way to promote your social media channel and build up a community with your customers.

Question 2

The topic of my website company deals with Shipping Clearing and forwarding.

Shipping has to do with cargo and container for shipment to global destination, either on ro-ro or containerance package.

The mobile uses can be very dynamic and they are:

- 1) Vessel
- 2) Airplane
- 3) Logistic transportation

Those are the values that my company is dealing with and the prescription data protection cookies are rightfully displayed on my website layout to my customers. There are laid out input on how to book a package container or goods for shipment and transportation logistics to any destination.

My goal with this company website is to create awareness for the globalisation of marketing. It will facilitate how to do my marketing and enable my customer to reach me at any time of my off hours. It will also help me to reduce cost and stress.

Firstly, I will need to create an account on trello.

To plan out my company website can be achieve through TRELLO whilst can be divided into three form lay out:

- 1) What to do
- 2) Doing process
- 3) Done process

I can use this colourful formative to create a task for my website design process and modify it if it is needed. Save my task in every step crated is very important to avoid lost of data input

Question 3

HTML and CSS Validation

- 1) Html syntax error
- 2) Verify the site is available for search machines
- 3) Verify your web page has an accurate site map in both XML and HTML format.

Cross-platform testing allows evaluating the work of your site in different OS both desktop and mobile windows, ios/mac os, linux, android etc

Compatibility configuration testing testing is performed to your website with each one of the support support software and hardware configurations:

OS configuration

-Browser configuration

-Database configuration

Verify the fonts, page graphic image, page alignment can be printed properly

Ensure all pages of your site fit the paper size and the size defined in the print option

Ensure all graphic images size fits to the taste of the site and rearrangement of position of graphic images with colour.

Question 4

GDPR Mean the general data protection regulatory.

GDPR is an EUROPEAN UNION (EU) regulatory body that aims to protect the personal data of individuals. It was also implemented in the United Kingdom with the data protection ACT of 2018.

GDPR impact company website for data protection. The company must ensure data protection for all their customers and if any company violate to these regulatory data protection can be sued.

The company must :

- 1) Ensure they are processing data only for the reason it was collected
- 2) Ensure they are only storing necessary data on individuals
- 3) Ensure to remove the data when it is no longer necessary to them
- 4) Giving an individuals the ability to modify incorrect data
- 5) Giving an individual's access to their own data stored when requested them
- 6) Ensures the data store is safe from unauthorised access (i.e data beach and hacker)

GDPR has an impact on my project because all companies must ensure their websites are well built and clear to the user. Users should always opt-in, they should never need to opt-out. Some websites can make this very ambiguous. Companies over a certain size must ensure they appoint a data controller because GDPR is extremely important for developers and company website owners to be aware of the act 2018 Act.

Copyright: Prevent people from copying your professional work Distributing copies of it whether free of charge or for sales. Renting or lending copies of your work or music.

There is copyright in a website that usually protects some or all the elements of a website. Copyright protects specific classes of work' those classes work are enumerated in the copyright act design and patents Act 1988. Around the world copyright law gives the authors or creators of literary dramatic musical, or artistic works the right to control the ways in which the material may be used. Regarding the software, copyright law generally covers artistic elements of a software program as opposed to the functional elements.

Software copyright is the legal protection for code meant to be read by a machine. It is used by software developers and owners to keep people from copying their intellectual property without permission.

QUESTION 5

TRELLO and STUDIO CODE is the heart of creating a website. The graphic use must be aligned with the command code when working on studio code that will deliver what it is meant to do to a website. The sizes of graphic images can be modified multiple times and changes of colours and sizes. Each modification must be reflected on a project by refreshing the web page at a time of input a correct code command.

eg . >, < / {}, ; = etc all these characters are very important when doing visual studio input into their specific positions.

Trello is very important for step by step task projects.

QUESTION 6

It is very important to test a website if all input graphics and text are correct and they are in the right position for users. Every input on the visual studio code must be reflected on the web page, for verification web developers will need to refresh their each project page to check for text spellings, check image sizes, headings, alignments, images colour, background colour, and frame to the images. It is also important for web developers to check the visual studio code if it works by checking the correct spelling of every input text.

Each module code has their functional code: eg. `src=image`, `> align text` and close of `text</>` all are used to define element input action of project text.

Question 7

Type of file that can be used for HTML and CSS can be:

Cascading styles sheets CSS is a stylesheet language used to describe the presentation of a document written in HTML.

CSS and HTML: CSS can be added to HTML documents in 3 ways

By using the style attribute inside HTML element

By using `<style>` element in the `<head>` section

By using a `<link>` element to link to external CSS files.

QUESTION 8

My project management was a very easy project that allows me to navigate to all directive website descriptions for users. Visual studio and CSS helped me equally to finish at a magnificent result. The framework project management was accessible.

The weakness of my project is not secure with data protection and all data input was not in my disposal. It was a successful project but not like a professional web page. Company Phone numbers are missing for data protection.

If I want to overcome the weakness of my company webpage I will have to input 100% data for users to upload videos and professional phone numbers.

Private Graphic image has to be mine included self videos. Editing and changes of size can be accessible from the visual studio code. Can be modified at the time I am willing to make any changes to my company web page.

QUESTION 9

My company website works well and navigates for public users. The graphic was well positioned and the description message was well organised for users. Modifications are very easy and facilitate VSC for changes.

Headings and graphics used to describe my company web page, it's easy for users to navigate for purpose uses.

My web page has no contact phone number. Email can be reached at any time for users.

The only way to overcome this weakness on my company web page is to input correct data and make changes from VSC.

I would have loved to make my company web page to be more professional. The VSC can help me to make a lot of changes to my project. Graphic image design, colour mixture frame shadows graphic to images and colour.

QUESTION 10

The layout of the company page was a purification of a website for shipping.

The heading, the context, description of graphic images and content for booking was also included. The Colourful graphic background and colour and images. Professionalism website address could be found easy.

It does not match my original expectation because there are many inputs missing in my text and GDPR data protection Act 2018 was also missing, including the copyright law of 1998.

It does not fulfil the purpose because it is a demo website pages as my company was not for public use.

