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COURSE ICS 222

REG # H180542A

Assignment 2

a. When designing a website there is not a law that is enforced on how one can carry out the process, the designing process differs from designer to designer but there are certain core steps are almost always the same. Some of the core fundamental steps are as follows

1. Information gathering is the backbone of the web development process, failure to carry out this process can be catastrophic. Gathering of essential information such as business goals, purpose, target audience, content and how the website can help in those areas and bring more value to the business

2. Creating the road map is the next stage after one has acquired the necessary information. This involves Planning out how the whole process is going to be carried out, how the website is going to be structured and what tools and resources are going to be used during the process as well develop metrics for measuring progress.

3. Designing, when designing an eye catching and user-friendly website, a lot of things are to be considered from functionality and appearance to navigation and coding integrity, some of the key things that go into consideration when building include the following.

(a)Color schemes – color is important as it enhances the user experience and it is essential to consider which colors the targeted audience will respond to the most.

(b)Functionality – the website should be fully functional in the literal sense as well as the functionalities that the customers, the customer has to fully participate in coming up with the list of functionalities and this helps to get all the requirements right.

(c)Navigation – complicated websites are hard to navigate, confusing and can easily frustrate the users, so there is need to design an intuitive navigation mechanism.

(d)Usability – above all else, usability is very important because if the website is impossible to use then there is no use of building it in the first place because no one will bother to use it so it is of paramount importance that the website be usable. And usability includes everything from navigation, compatibility with multiple browsers & devices as well as responsiveness and page loading times.

4. Development Developing the website itself putting together all the individual graphic elements from the prototype into forming the actual, functional site.

5. Testing and Delivery -this involves bringing what has been created to life,here the site is tested to see if it meets the requirements of the owner.After the owner is impressed the website then deployed and published to the public