SET-12

4. Let’s suppose you have a client who wants to startup a custom design/printed T-shirt manufacturing company. You are hired as the consultant/PM to develop a mobile app or a website for startup. Which mode of development would you prefer and how would you go about the planning for the app/website?

Solution:

For planning a website for the T-shirt manufacturing company, I would prefer the agile approach of system development which is more adaptable and gives developers time to work while requirements are changing. It is flexible to check for errors under any part of the development stage which usually makes this approach less susceptible to bugs compared to other approaches like waterfall model.

The following steps can be carried out for the developing of the website:

1. Analysis:

First, the purpose and goals of the website along with the targeted audience is to be studied. This step is totally based on information gathering about customers who use this company, competitions to the company and various orders placed by the customers and other feasibility studies. This information can be beneficial in the design phase to create a better website.

1. Design:

The structures and data flow diagrams of the website can be created in this phase. The time schedules for various tasks are also appointed so that the project is finished on the required time. The representation of the visual style and usability of the user interface (UI) is designed. The required changes in these graphical representations are also done.

1. Implementation:

It is the most important phase of the project development. All the designs are studied and an actual website is developed with the help of coding. The UI designs are developed using various programming languages like HTML and CSS coding. The database is also managed in this phase. The testing of the website is also done simultaneously which includes the technical features and compatibility with major browsers to ensure that the purpose of the website is fulfilled. The minor bugs are also repaired if any. If needed, the website can be made accessible to mobile and desktop applications too.

1. Deployment:

The website is finally handed over and launched to the T-shirt manufacturing company. With the permission of the company, further maintenance can also be processed by always monitoring what is happening from the start and adding new features to update the website or the application into newer versions according to the customers’ or the t-shirt manufacturing company’s needs.