

## User Interface (C1U)

### ( Assignment 1)

Q1: What is a user interface?

Ans: A user interface is a visual element or a group of visual elements organized so a user can operate and interact with a machine or a system whether it is mechanical, electronic or computerized.

Q2: What are the steps of designing user interfaces? Explain it with example.

Ans: The communication between a user and a system is generally based on request-answer model. The interface must then allow user to make requests so the computer can perform actions to supply an answer that will then be evaluated by the user

It is important for an interface to be produced with its user in mind (for instance, using the same language) so the user may understand how to complete its tasks. But, the user also has to adapt to the interface, to learn how to use it. The user interface designer will have to find ways for the interface to be as easy as possible to be understood and used.

Q3: When is the first computer invented. And what type of interface it had.

Ans: The first computer was invented in 1945 and it had batch interface

Q4: What are the common components of a user interface? Explain them in detail.

Ans: Common components of user interface include:

1 Functional and communicational aspects

A web site interface serves many functions and targets many objectives. Firstly, it identifies the company, the product or the service the web site has been developed for. That is why logo is usually the first element to be presented on a web page. And the navigation is usually presented so the user can choose from different information segments

## 2 Design aspect

The logo identifies the company or brand, but the web site design by itself should also represent it. The web site usually designed based on the corporate image, using the same style and colors used in the enterprise marketing activities.

Q5: What is the significance of the user interface?

Ans: User Interface is important in the sense that it makes it easier for your target audience to clearly see what your products are. It is designed in a way to display the services that you offer without ambiguity, in order to draw your visitors' attention and keep them on your site. A good User Interface Design presents a seamless blend of visual design, interaction design, and information architecture