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Task 1

A prototype is a smaller version of a system with minimal number of features and is shown to the users and project sponsors who provide comments which are used to re-analyze, re-design and re-implement a second prototype which provides few more features. This is done repeatedly until the system is completed.

Planning phase

This phase involves understanding what the system is going to do and why it should be built where the system requirements (objectives) of the system are clearly defined.

The phase also determines how the project team will go about building the information system. It consists of project initiation where by the system’s information *value* to the organization is identified. For example, we decided to come up with a website for the firm that will increase the customer base.

The phase also consists of project management, where the project manager creates a work plan, staffs the project, and puts techniques in place to help the project team control and direct the project. For example, I was tasked by the team to develop the first prototype that we will show the users and get their responses about it.

Analysis phase

This involves determining the needs of the users because they drive development of prototype as they define the business objects that the system musts support. It can be through through interview, questionnaires’. For example, we discovered that users find it hard to access ABC IT consultancy firm services which lowers the customer base. This is why we decided to come up with a website where by users can easily access our services.

Design phase

This phase defines how the system will operate, in terms of the hardware, software, and network infrastructure, the user interface, forms, and reports that will be used and the specific programs, databases, and files that will be needed. For example,

Implementation

This deals with evaluating the developed prototype where by it is verified in a way that it meets the user’s needs. This is done by project sponsors, users etc. Changes are made basing on their feedback.

Task 3

The ABC website does not permit unauthorized use of other people’s accounts because a new user creates an account whereby they are required to set a password that they use to login. The user is also free to change a password in order to improve security of their information.



