Jibran Naeem

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ASSIGNMENT # 1

Software Requirement Engineering

Q1.  What is requirement elicitation, name different types of requirement elicitation techniques?

* Requirement Elicitation:

Requirement Elicitation is the process of collecting requirements of a system or requirements gathering from user, customers and stakeholders by conducting meetings, interviews, questionnaires sessions, prototyping etc.

It is all about obtaining information from stakeholders. In other words, once the business analysis has communicated with stakeholders for understanding their requirements, it can be described as elicitation. It can also be described as a requirement gathering.

* Types of Requirement Elicitation Technique:

1. **Focus Group.**

By using a focus group, you can get information about a product, service from a group. The Focus group includes subject matter experts. The objective of this group is to discuss the topic and provide information.

1. **Interface Analysis.**

Interface analysis is used to review the system, people, and processes. This analysis is used to identify how the information is exchanged between the components.

1. **Prototyping.**

Prototyping is used to identify missing or unspecified requirements. In this technique, frequent demos are given to the client by creating the prototypes so that client can get an idea of how the product will look like. Prototypes can be used to create a mock-up of sites, and describe the process using diagrams.

1. **Questionnaires.**

For Survey/Questionnaire, a set of questions is given to stakeholders to quantify their thoughts. After collecting the responses from stakeholders, data is analyzed to identify the area of interest of stakeholders.

1. **Observation.**

The main objective of the observation session is to understand the activity, task, tools used, and events performed by others.