

Requirement Elicitation And Analysis.

Requirement Elicitation is the practice of collecting the requirements of a system from **Users, Customers and other Stakeholders.**

This practice is also sometimes referred to as "Requirement Gathering".

Requirement Elicitation Methods:-

There are number of requirement Elicitation methods

1. Interviews
2. Brainstorming Sessions
3. FAST
4. Quality Function Deployment
5. Usecase Approach.



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• Interviews

In this Requirement Gathering Team Conduct an Interview Session with

- Entry Level personnel
- Middle level Stakeholder
- Managers
- Users of the software (Most Important)



In that interview Session Team asks these types of Questions

Questions before Successful Deployment of project

- Any problem with existing System?
- Any Calculation errors?
- How are the previous system works?
- Any additional functionality?
- Any specific problem
- User Requirements.

Questions After Installation or in Maintenance Phase

- Any Calculation errors
- Any additional functionality.
- Goal of proposed product.

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Brainstorming Sessions :-

Brainstorming is a group Creativity technique by which efforts are made to find a conclusion for a specific problem by gathering a list of ideas spontaneously contributed by its members.

It creates an atmosphere which is free from criticism and judgement and allow members to suggest and explore ideas.

Mainly group of 4-10 people (Depend on project and organization) attend the brainstorming session.

Brainstorming has two phases

- **Generation phase:**

Offer as many ideas as possible and no merits and demerits of the ideas is discussed.

- **Consolidation phase:**

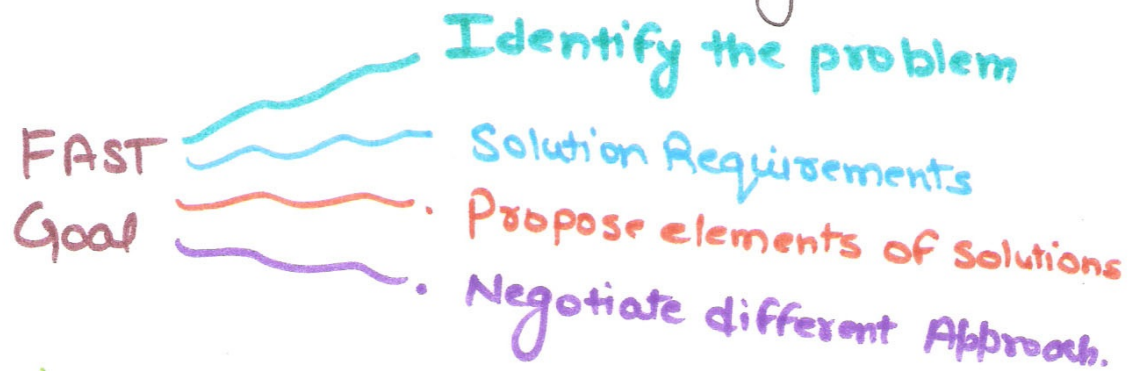
Ideas are discussed, revised and organized.



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Facilitated Application Specification Techniques (FAST)

This approach encourages the creation of a joint team of Customers and developers who works together to



- A meeting is conducted at the neutral site and attended by both Software engineers and Customers.
- Rules for preparation and participation are established.
- An Agenda is suggested that is formal enough to cover all important points but informal enough to encourage the free flows of ideas.
- A facilitator (Can be a Customer, a developer, or an Outsider) Controls the meeting.



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