

Phases in Requirement Engineering process (RE)

These are four phase in RE

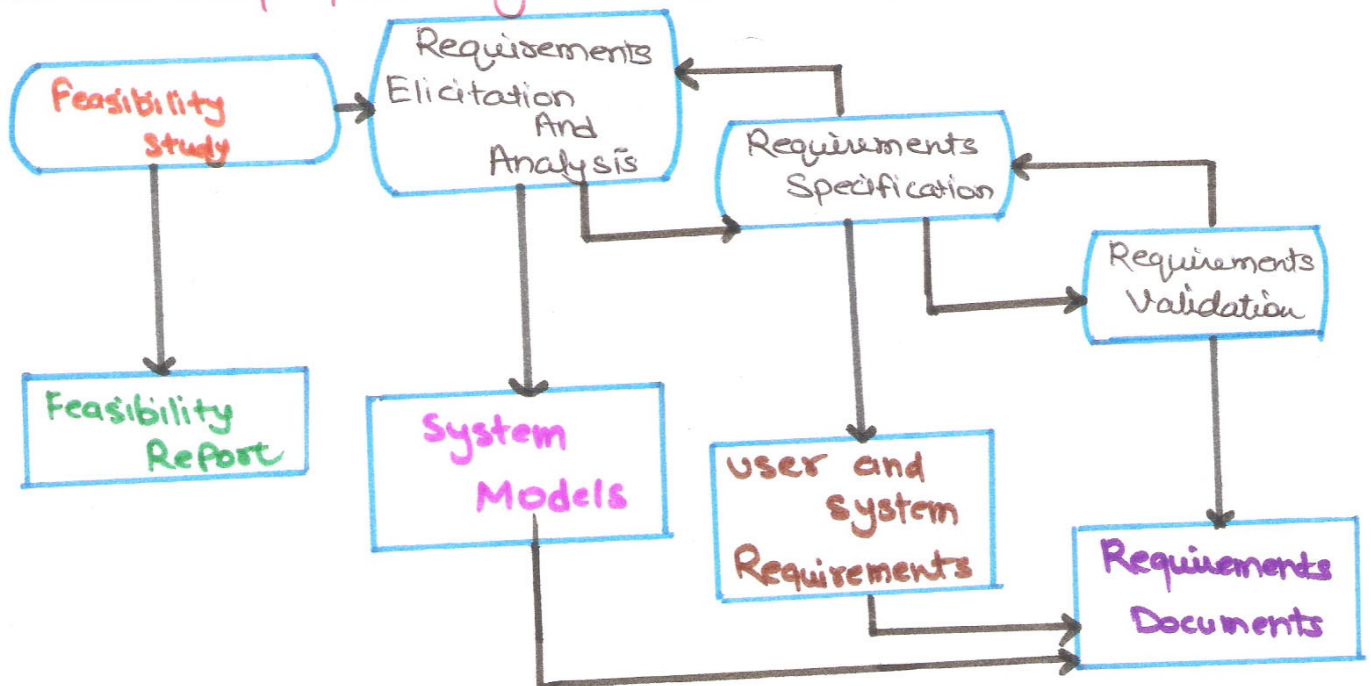
- Feasibility Study
- Requirement Elicitation and Analysis
- Requirement specification
- Requirements Validation



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• Feasibility Study :-

A feasibility study is quite important phase in which high management decides on the feasibility Report that whether or not the proposed system is worthwhile.



Requirement Engineering Process

Feasibility Study Checks

- If the system contributes to **Organizational Objectives**.
- If the system can be engineered using current technology and within **Budget**.
- If the system can be **integrated** with other systems that are used.

That means

It concentrates on the following Areas:-

- **Operational Feasibility**
- **Technical Feasibility**
- **Economic Feasibility**.

The main aim of feasibility study is not thinking **how to solve problem**, but to determine whether the problem is worth solving.

Feasibility study leads to a decision:

- **Go Ahead**
- **DO NOT GO AHEAD**
- **Think Again**.



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Outcome of feasibility Study

Based on the information Assessment (what is Required), information collection and Report writing we get list of Questions

- What if the system was not implemented?
- What are current process Problems?
- How will the proposed system help?
- What will be integration Problems?
- Is new technology Needed?
- Is new skill (Staff, team Members) Required?
- What facilities must be supported by the proposed System?



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