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EFFECTIVENESS OF REQUIREMENTS ELICITATION TECHNIQUES IN SOFTWARE ENGINEERING PROCESS: A COMPARATIVE STUDY BASED ON TIME, COST, PERFORMANCE, USABILITY AND SCALABILITY OF VARIOUS TECHNIQUES

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ABSTRACT

Requirement gathering is the first step in Software development life cycle but plays a vital role in the success of a software. There are many techniques to gather requirements from customer but it's hard to choose one to get the maximum benefit. This paper fills the gap by presenting an empirical research to find the most preferred technique to be used in different phases of requirement gathering process. The research also evaluated 11 RGTs against time, cost and quality constrains to help the practitioners pick the right technique in a given scenario.

KEYWORDS: Requirement Gathering Techniques, RGTs, Constraints, Time, Cost, Quality