Comparative Study of Traditional Requirement Engineering and Agile Requirement Engineering

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Abstract— Traditional RE and Agile RE are two different approaches on the basis of their planning and control mechanism. This Paper distinguishes the Traditional RE and Agile RE furthermore it investigates the reasons for which software industries shift from Traditional to Agile RE. Research is carried out by conducting a literature study and finally a case study of software to evaluate which approach has better success rate than other. With the help of our finding and results we have evaluated that Agile RE performs better than Traditional RE in the large organization where changes evolve throughout the development life cycle.

Keyword— Requirement Engineering, Traditional Requirement Engineering, Agile Requirement Engineering, Scrum, Extreme Programming, Object Oriented Development, Requirement Elicitation, Requirement Analysis, Requirement Management, Software Requirement Specification.

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