ReqWiki: A Semantic System for Collaborative Software Requirements Engineering

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The requirements engineering phase within a software project is a heavily knowledge driven, collaborative process that typically involves the analysis and creation of a large number of textual artifacts. We know that requirements engineering has a large impact on the success of a project, yet sophisticated tool support, especially for small to mid-size enterprises, is still lacking. We present ReqWiki, a novel open source web-based approach based on a semantic wiki that includes Natural Language Processing (NLP) assistants, which work collaboratively with humans on the requirements specification documents.

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