ABSTRACT
Extracting corporate knowledge and providing a repository for it have become essential because of the critical nature of strategic planning for the success of a business. Although Corporate Memory (CM) has been the subject of many studies in recent years, there are only few studies on the development of CM in relation to green product design, even though this is environmentally important. In particular, product design has gradually shifted to the goals of Reduce, Reuse and Recycle (3R-abilities). In this paper, so that industry can better achieve the 3R's, design knowledge is captured, generated, and modeled using CM architecture. In addition, a case is studied to validate the superiority and contribution of the proposed CM. This study is also relevant to other similar design problems that occur in many industries.

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