A new software development model: Innovation through mobile application with UCD(Conference Paper)

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Abstract [View references \(28\)](#)

Pursuit of innovation projects with the absent of a methodology to follow hampers the development of the software product as its complexity grows since the freedom of its own advancement is confused with the lack of order on it. Traditional and agile methodologies do not adapt to this kind of projects therefore, in this paper we aim to design a model that incorporates characteristics of both of them to get a solution of a need found in society. In this study, we focus on the construction of a mobile application that answer to the lack of a system that integrates pharmaceutical products from different establishment through the appliance of usability concept with the UCD (User centered design) approach. In this case we only detail about four of the seven stages proposed in the model developed with its techniques, tools and activities conducted. Results obtained show that the model proposed achieve the expectative and its use is not limited to just mobile applications but to any kind of software project. © 2018, Springer International Publishing AG, part of Springer Nature.

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