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Workflow Management and Project Consultation System

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This dissertation submitted to the Faculty of Information Technology, University of Moratuwa, Sri Lanka for the partial fulfillment of the requirements of the Degree of MSc in Information Technology

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Declaration

I declare that this thesis is my own work and has not been submitted in any form for another degree or diploma at any university or other institution of tertiary education. Information derived from the published or unpublished work of others has been acknowledged in the text and a list of references is given.

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Dedication

This dissertation is dedicated to my beloved father who gave me endless courage whenever I was discouraged and to my beloved mother who taught me that even a large task can be accomplished if it is done one step at a time and to my beloved husband who gave me all the support and resources to achieve my tasks.

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Last but not the least, I would like to thank my beloved parents for giving me endless courage and strength to me whenever I was discouraged, and for my beloved husband for helping me a lot in gathering different information and giving great ideas.

Abstract

Building a dream house is indeed everyone's dream. But many people have to face different kind of issues when make their dream a reality. Visualize the Dream house Architectural Design plan before it builds will help to overcome those miscommunication issues as well as it will be more effective and interactive method for field of housing construction to line up more clients for their company and also it will help to come up with well completed house plan on client desire budget and quality.

Before come up with Visualizing the Architectural Design plan it is necessary to complete feasibility study and different kind of Architectural drawings and those drawing information will help to visualize the Dream house. If client needs and wants meets the sketch house model. Then detail drawing going to start and after finalizing that will be the final completed house plan for dream house. So this complex inter related process is called pre-construction stage. In field of housing construction industry mange above mention pre-construction stage activities by identifying client's needs and wants were undoubtedly one of the most important and problematic function.

Therefore, this work report is based on Workflow Management and Project Consultation System (WMPCS) which is successfully developed to manage above mention pre-construction activities and help client to have better consultation support for building their dream house plan with desire quality and budget.

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Abbreviations

WMPCS – Workflow Management and Project Consultation System