Abstract

Users’ dissatisfaction on the software used will impact the efficiency. Moreover, the lack of knowledge of users’ involvement in the development of the software will cause issues to the user’s later on. In the case of human-computer Interaction (HCI), it has been suggested that a user’s participation and HCI concern in the application growth life-cycle (SDLC) as an important procedure for a successful program execution. However, it is still not sure to what extend user participation is important and HCI problem have been settled by system professionals. The result which is mentioned in this paper and the review opinions from the experts’ point of view are taken from analysis on the value of HCI in SDLC. The objectives of the analysis are to identify the condition of the users’ contribution in SDLC and to identify the HCI elements that have been settled. Results show that many of the experts have engaged the customers in SDLC, but the majority only during the need research stage. The conclusions have also shown that HCI components on performance are well resolved. However, the non-functionality components such as social, environmental issues have not been highlighted by experts. This paper indicates with recommendations to further analyze the users’ interest on the value of the users’ contribution in the program development.
Overview of Systems Design and Development with Regards to the Involvement of User, HCI and Software Engineers

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Index Terms

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Keywords