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New in the Library

Integrating Human-Computer Interaction Development into SDLC

Access to new resource related to project management in the ICT sector added to PM World Library



Resource provided by [Venkata Srikanth Varma Datla](#)

26 March 2018 – Rome, Italy – Access to a new resource has been added to the PM World Library (PMWL) related to ICT project management. The new resource is titled “**Integrating Human-Computer Interaction Development into SDLC**.” Originally published by AMCIS (Americas Conference on Information Systems) New York, this paper is by Ping Zhang, Jane Carey, Dov Te’eni and Marilyn Tremaine.

The authors of this paper discuss incorporating a human computer interaction (HCI) perspective into the systems development life cycle (SDLC) & how critical it is to information systems (IS) success and in turn to the success of businesses. However, modern SDLC models are based more on organizational needs than human needs. The human interaction aspect of an information system is considered far too little (only the screen interface) and far too late in the IS development process (only at the design stage). This paper presents a methodology for such human-centered IS development where human requirements for the whole system are emphasized. An example of applying such methodology is used to illustrate the important concepts and techniques.

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[**Integrating Human-Computer Interaction Development Into SDLC**](#) – 2004 paper by Ping Zhang, Jane Carey, Dov Te’eni and Marilyn Tremaine provides information on the HCI perspective in the systems development life cycle (SDLC) and related problems. The authors also present several research issues and their implications. Originally published at Americas Conference on Information Systems in New York. To read paper, [click here](#). ([Varma](#))

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