Abstract

The latest trends related with enhancement of the mobile devices and mobile technologies have lead to the need to model such unique & innovative applications. This is necessary in order to have wide adoption and impact of such devices and their applications in today's fast paced life of a common man. The process of modeling the proposed mobile application with Unified Modeling language (UML) has been described with the application of use case diagrams, sequence diagrams, component diagrams and deployment diagrams in this work. The goal of this paper is to illustrate the model-based approach for the M-commerce model application developed for e-Enablement of land record information system. The art of analyzing, specifying, visualizing and documenting the object-oriented system has been very well described with the modelling process of unified modelling language. The application model developed in this case, mobileLoan app showcases the various aspects of UML and its components. The approach is demonstrated using UML diagrams developed for testing a mobile application having graphical user interface (GUI).
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**Index Terms**

Computer Science  
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**Keywords**

UML  mobileLoanApp  e-Governance  Punjab  M-commerce  Information system