

BioHerbWebs: a mobile knowledge portal for bioinformatics community of practice with a collaborative environment

ABSTRACT

BioHerbWebs is a mobile Knowledge Management System (mKMS) or mobile knowledge portal is a system that supports, creates, captures, stores and disseminates expertise and knowledge in a collaborative environment. The idea of mKMS is to ensure that the right knowledge is delivered to the right person just in the right time using the mobile devices. However, locally, we have never heard about mKMS since it is still a new area that are still evolving. In this paper, we propose the system development and implementation that might be useful to support community of practice (CoP) in bioinformatics domain which hoping that this research can be served as a guidance for future reference in developing mKMS in any other related field.

Keyword: mKM system; Bioinformatics; CoP; Mobile devices; Collaborative environment