Title: Pembangunan kiosk maklumat kawalan pembangunan berasaskan web gis bagi perancangan dan pengurusan bandar

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Abstract:

Common urban problems of major cities are usually associated with sources of friction, imbalances, shortfalls, failures in the process of urban planning and monitoring, rapid growth, high development pressure, inadequate development plans and difficulties in obtaining relevant information, making the process of development control more complex. The rapid growth of internet has provided an effective and easy path for user to access latest and interactive source of community information. Integrating internet with the Geography Information System (GIS) technology which are known as Web-Based GIS has enabled the end user access the GIS application for planning and decision-making process at the local authority level. With Jabatan Perancang dan Kawalan Bangunan of Kuala Lumpur City Hall as a study case, the research had tried to identify the most suitable approach in developing an Information Kiosk by using Web-Based GIS technology as a communication media and a supporting tool in urban control and management. This web allows for broader public involvement. It enables more users to achieve the development plans and other information concurrently just by browsing through the internet from any location. The development of user interface involved the process of customization of certain GIS software which is ArcIMS, Hypertext Markup Language (HTML) and Active Server Pages (ASP) to provide access method, processing and manage data, and display information which can be use easily by the user. In general, this system provides function for enforcement plan approval result, accessing spatial data (GIS web), accessing information on planning and building legislation and accessing support documents.