



## The application of a panorama image database management systems (PIDMS) for information integration on construction sites

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This study developed a panorama image database management system (PIDMS) to manage construction-related records. A set of panorama cameras was used to record panorama images and videos for the inspection and management of working schedule, manpower, materials, or machinery. Users can log in as construction site managers, contractors, general users, designers, draftspersons, or system managers through a browsing interface. The system is made according to functions, such as real-time monitoring, image labelling, working drawing browsing, video indexing, and construction recording. Three levels of application were developed.

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