Post-occupancy Evaluation of Building Facilities in a University Community Using an Electronic Platform

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Abstract The study examined the prospects of carrying out a post-occupancy evaluation of building facilities in a university community using an electronic platform. The SRS showed the user classes and characteristics, software architecture, functionality, the coding language used and external interfaces. The Web pages were designed using HTML, while the database management system was developed using MySQL. C-Sharp programming language was used to control the post-occupancy system. The three main users identified in this study; the building user, the maintenance manager/facility manager and the management team can access the system to evaluate the building facilities. In conclusion, the study developed a post-occupancy evaluation system for a university community to effectively manage the state of its building facilities. By using the proposed system, the study aims to increase the speed of maintenance works, improve the state of building facilities in schools of higher learning and ensure accountability in the building maintenance process.

Keywords Building facilities · Electronic platform · Higher institution · Post-occupancy · Web-based system

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