

# The Challenges of Space Management in Higher Education Institution

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**Abstract.** Space management is a process to determine efficiency, allocation of space, problems and issues including monitoring the current usage of space. Space Management in Higher Education is an important subject as providing a space is expensive and university itself should be able to provide the best service to support the core business of the universities. However, university commonly faced problem of limited space to cater universities programs and some spaces are not fully utilized. The challenges during implementation of space management in higher education institution are availability of information, personnel experience, availability of space, different interest and objective, lack of research and ineffective systems implemented. Thus aim for this paper to highlight the barriers and challenges faced on the space management implementation. A thorough literature review conducted to gauge potential of space management in Higher Education. The questionnaire distributed among academic staff of Higher Education in Sarawak to determine the challenges towards the space management. The finding revealed that space limitation in the higher education institution is the main challenges towards efficient implementation of space management. The outcome of this study will help to provide some insight for Higher Education in Sarawak to plan a better space management.

## 1. Introduction

Increase in Malaysian population creates demands for facilities especially the space for education institution and it leads to growth of number of universities each and every year in order to cater the enrolment of new students. Universities expected to be able to provide the best facilities in term of space to support universities' core business. For universities, it is crucial to provide space which enlisted as among of the important element in related for the activities to take place on the specific work to be held [14]. Teaching and learning including research activities take place and it is proven that space is one of the important elements to accommodate the needs of education system [13]. In addition, scarcity in term providing excellent space in higher education institution all over the world become one of the top ten issues faced by system [12]. University should be able to provide an efficient and excellent of the space resources [10]. According to Space Management Project [1], space utilization being defined as how rooms and spaces are being used in term of how they are in use and how the in use. In addition, space within its organization is the most expensive assets own [4].

