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**THE SATISFACTION LEVEL OF INDOOR AIR
QUALITY ON COLLEGE RESIDENT IN UITM SERI
ISKANDAR**

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ABSTRACT

The satisfying of Indoor Air quality was involved the among of UITM Seri Iskandar living in resident college. The impact of IAQ can able to influence the student the environmental factors, contamination of outdoor space, the biological life, source of VOC material and installing of water sewerage system near the resident college block. The satisfying among student was provided for 100 of respondent living different resident college block and the scope only focus for measured the rating of perception from student about IAQ can influence the student life during living within use the quantitative and qualitative method to know the perception of student into IAQ can affect student life. The IAQ of content have the variety elements which are related the indoor, odors, environmental factors, temperature, space of design and style life of student during living in resident college. The satisfaction can able to know the comfortable of student during facing the IAQ problems into surroundings area. The measurement of the satisfaction of level were use the qualitative method which are use the scale Likert beginning the rating 1 until rating 5 to describe the rating level and have 3 section which are demography student for section A, section B involved the factors of IAQ and section C refer to Satisfaction of IAQ among student within use the google form. The sampling used the random sampling which are not have limited of the respondent coming from different of resident block in UITM Seri Iskandar. Data collection was used the rank analysis and median as the method for measure and evaluation based on collection of data through from 100 respondent of student. The presentation of data use chart pie and bar graph to describe the amount of percentage based on data collection. The data collection can determine the main factors of IAQ happens and the satisfaction of student about IAQ within can provide the recommendation for student to control the IAQ happen surrounding of building.

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CHAPTER ONE

INTRODUCTION

1.1 Research Background

The indoor air quality is also important in our life. Ensuring the environment gives the good of air quality to occupants in buildings. However, according to Zakaria (2020), Furthermore, the IAQ can be the concern of the occupant to spent time within make activities in building compare to doing outside (Danial, 2021). Indoor Air quality were defined as the impact on human health status can able to influence the social activities, educational level within involved the factors the personnel product like furniture and cleaning materials that easily to found surrounding building. However, the social activities prefer to provide to feel harm for exposed the unhealthy environment (Sulaiman, 2019). The contamination of the biological, chemical and physical contamination give reaction into factors of IAQ happened on building (Zakaria, 2020). Moreover, the IAQ has been the criteria that involved of environment within effects the health problems into occupants in building. According to Zakaria (2020), the improvement of IAQ was include the regular maintenance of cleaning of cooling and heating system within provide the opening of window and door to ensure the allow fresh can access through the space of room. Moreover, the IAQ were not only coming from the indoor outsource but also involves the indoor source that through access into building structural crack and ventilation system (Moris,2020) However, the duration aged of the building were more than 10 years establish and give the effect on the smallest due the indoor air quality surroundings of building whenever the particular is not seeing by the physical aspect. Moreover, the climatic factors of the condition of the building were influenced by the tropical climate which accepts the rain and sun directly within every year due to increasing the natural defects factors. Furthermore, most of the students were applying for motor vehicles which include the non- resident of student going to campus within a transportation ride compared to the student who is living in resident college. Next, as the students were provided within the comfortable environment to give the best session learning during campus.