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PITCHED GREEN ROOF DECK

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AUTHOR'S DECLARATION

I declare that the work in this innovation project report was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This topic has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

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ABSTRACT

Green building is a synonym with today's construction as it is balanced between the modernization of civilizations and maintaining the natural ecosystem around the world. People realized that preserving nature while conserving energy is advantageous in many ways for everyone. Thus, the innovations that have been made which named Pitched Green Roof Deck are put into consideration and are being applied to constructions nowadays. The application of the 'green' lifestyle also needs to be normalized in education institutions hence the introduction of green campus projects for students' accommodations. As for the more effective practice of green building, the industrial building system is the best approach because of its sustainability towards the environment better than the conventional method. The method that has been used for the development of this project included literature review on relevant topics related to the Green Roof to accomplish the objectives. Comparative analysis conducted based on the data collected. Some of the sustainable development goals are to ensure healthy lives and promote well-being for all. Then, Pitched Green Roof Deck has the potential to be marketed to targeted users based on previous research. With the advantages of the Pitched Green Roof Deck, the improvement of the thermal comfort and sustainability is what to be looking forward to.