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PROGRAMME ABSTRACT

"Bridging Gaps with Creativity for Future Sustainability"

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TWO (2) DEGREE OF FREEDOM (DOF) FLIGHT SIMULATOR PLATFORM

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POLITEKNIK BANTING SELANGOR

Abstract

Conventional flight simulator platform currently used in the aviation industry is expensive and therefore not many institutions, private aviation entity or aviation enthusiasts can afford to own such machinery to be used as an aviation training kit. The aim of this study is to propose a new design of flight simulator platform which is affordable, portable and easy to be built. The study will also serve as a guideline for aviation enthusiasts to build their own personal two (2) degree of freedom flight simulator platform.

E-QURAN APPS FOR ARMLESS PEOPLE

Noor Izma Iffah binti Md Aziz, Tuan Nurul Ain bt Tuan Abdullah, Nur Najah Atiqah binti Abd Hamid, Nur Tysha Atikah binti Mohd Shair, Aiman Zakwan bin Jidin, & Noor Mohd Ariff bin Brahin

POLITEKNIK BANTING SELANGOR

Abstract

This project proposes the development of a PC-based Al-Quran Application which can be remotely controlled by using either a wireless remote or the reader's face movement detection. Al-Quran, which is the book of guidance for all Muslims, is daily read either during the leisure time or during prayers. Thus, the proposed application serves to help the imams and especially the people with disability of using both hands to read it easier than the conventional ways. For armless people, the Quran pages can simply be flipped by moving the head or the face to the left or right, owing to the face detection technology. Besides, it is a user-friendly and a very low-cost application.