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2023

ABSTRACT BOOK 2023

(i - J a M C S I I X)

INTERNATIONAL JASIN

MULTIMEDIA AND COMPUTER SCIENCE

INVENTION AND INNOVATION EXHIBITION

PUBLICATION DATE :8 NOV 2023

<https://iamcsiix.uitm.edu.my/>



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2023

INTERNATIONAL JASIN MULTIMEDIA & COMPUTER SCIENCE
INVENTION AND INNOVATION EXHIBITION (I-JaMCSIIIX) 2023

Virtual Award Ceremony

8th November 2023
Wednesday

Platform: YouTube

https://www.youtube.com/channel/UCW3Mw4_ngn6tn8gyXIOpLlw





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INTERNATIONAL JASIN MULTIMEDIA & COMPUTER SCIENCE
INVENTION AND INNOVATION EXHIBITION (I-JaMCSIIIX) 2023

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Exploring Classical Chinese Poetry with AI Tool in PPT Design

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Abstract—This initiative product is created at the intersection of cultural heritage and technological innovation and aims to bridge the gap between the timeless appeal of classical Chinese poetry and contemporary methods of presentation. This work addresses the need for a transformative solution to presentation design considering the difficulty of properly conveying the depth of linguistic and cultural complexity contained in these poems. The main goals of the initiative are to improve the visual appeal of PowerPoint presentations by incorporating AI-generated design elements and accurately conveying the emotional resonance, cultural significance, and historical context of each poem within the presentation. The result of this combination is a set of PowerPoint slides that incorporate artificial intelligence (AI) to make design recommendations, harmonies colour, and enhance layouts. These features are seamlessly integrated with carefully curated text content. This innovative method offers a unique advantage by increasing viewers' visual engagement while successfully conveying the complex essence of classical Chinese poetry. The results of the study show that integrating artificial intelligence (AI) into PowerPoint design (PPT) provides an interactive and engaging approach to exploring and appreciating the aesthetic qualities of this form of artistic expression. This integration also facilitates deeper cross-cultural understanding and engagement. In summary, the integration of artificial intelligence (AI) technology with the rich heritage of classical Chinese poetry represents a coherent fusion of traditional and innovative elements. The combination offers a modern way to access and present cultural treasures of both historical and contemporary eras in an interactive and enlightening way.

Keywords—Integrating AI, PPT Design, Classical Chinese Poetry, Cultural Exploration, Innovation



Developing Emergency Application for LRT Passengers with Decision Tree Algorithm (RailAlert!)

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Abstract— Emergencies occur suddenly on public transportation daily. In an emergency, however, there are no explicit means for passengers to submit a report to the LRT authorities. In addition, it is difficult for authorities to discover people in emergency situations, and it takes some time to convey information regarding station and LRT emergencies. With geolocation and decision tree algorithms, this project aims to design and develop an emergency application for LRT passengers. The waterfall approach will be adopted because it is more suitable for this project and will help resolve the issue. Thus, the solution is to design an application capable of sending an immediate report to authorities so that they may simply track down passengers and swiftly notify all users of the emergency in a three station LRT such as Sentul, PWTC and Masjid Jamek. Functional testing to ensure the application works properly.

Keywords—*Emergency Application, LRT Passengers, Geolocation, Decision Tree Algorithms, Notification System, Emergency Response*



i - J a M C S I I X

2023

PUBLISHED BY:

i-JaMCSIIX

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