



# InDeLib

**RECONNECT AND  
DISCOVER**

# Extended Abstract

International Innovation & Design in Library &  
Information Science Competition (InDeLib2022)

*Organized by*  
Faculty of Information Management  
UiTM Kedah Branch



UNIVERSITI  
TEKNOLOGI  
MARA

**Editors**  
Asmadi Mohammed Ghazali  
Abd Latif Abdul Rahman



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# WHERE IS YUYU?: DETECTIVE THEME AUGMENTED REALITY (AR) CHILDREN'S BOOK

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## Abstract

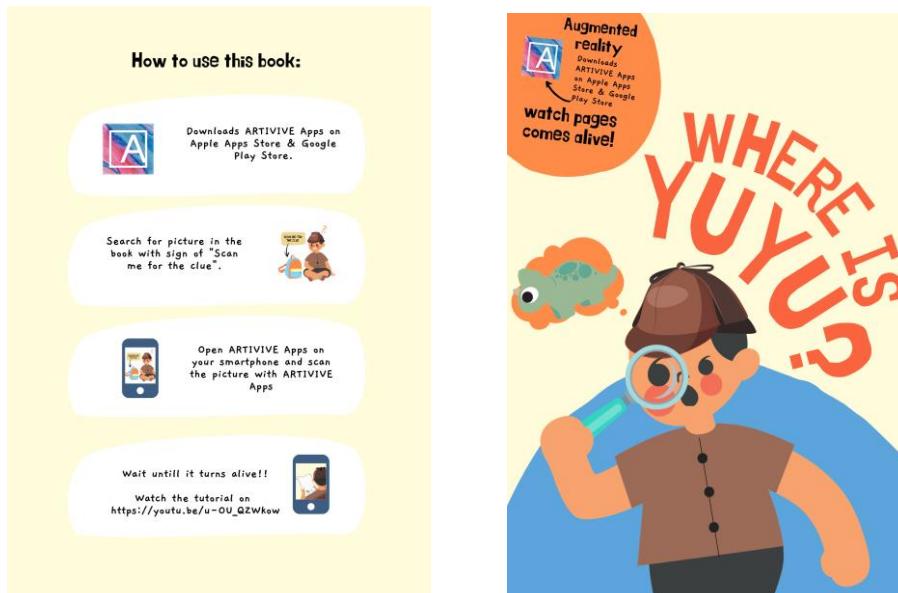
Where is Yuyu? is a detective theme Augmented Reality (AR) children's book that combines physical books and mobile applications. AR can enhance teaching and learning methods, especially in children. Recently AR technology has evolved in children's exploration and introductory books, and less has been embedded in the storyline books, which explain the whole story. "Where is Yuyu?" is intended to cultivate children to the hybrid reading method allowing children to interact with the books using three dimensions characters using the Artivive application. The existence of "Where is Yuyu" will spark reading motivation among children as they enjoy the benefit of reading and venturing into technology. This innovation aims to enhance children's creativity through advanced visual activities in a book, introduce books and technology in a fun way for children, and give parents ways to introduce daily chores to their children. "Where is Yuyu?" is Malaysia's first detective theme augmented reality children's book. This book is significant in increasing motivation and boosting reading interest among children, improving concentration, memory, imagination, and problem-solving skills among children, helping children to understand concepts faster and better, and providing an alternative for children with disabilities to understand concepts and the environment faster.

## Keywords

Augmented Reality, Reading, Children's Book.

## Product Description

Where is Yuyu?: is a detective theme Augmented Reality (AR) children's book that combines physical books and mobile applications. Recently AR technology has evolved in children's exploration and introductory books; less need to be embedded in storyline books which explain the whole story. "Where is Yuyu?" is intended to cultivate children to the hybrid reading method, allowing children to interact with the books using three dimensions characters.



### **Novelty and Uniqueness**

“Where is Yuyu?” is Malaysia’s first Detective Theme Augmented Reality Children’s Book. AR technology is effective in detective themes as it describes a storyline that explains a particular book’s whole story. AR technology is commonly used in introductory and exploration books focusing on specific themes or scenarios.

### **Benefit to Mankind**

“Where is Yuyu?” is significant in

- Increase motivation and boost reading interest among children.
- Improve concentration, memory, imagination and problem-solving skills among children.
- Helping children to understand concepts faster and better.
- Provide alternatives for children with disabilities to understand concepts and environment faster.

### **Potential Commercialization**

“Where is Yuyu?” has a vast potential to be published in the local and international children’s book industry. The simple and self-guided application allows children to explore the book with minimal guidance. A vibrant colour and simple page navigation make it more interesting for children between 5 and 11 years old.