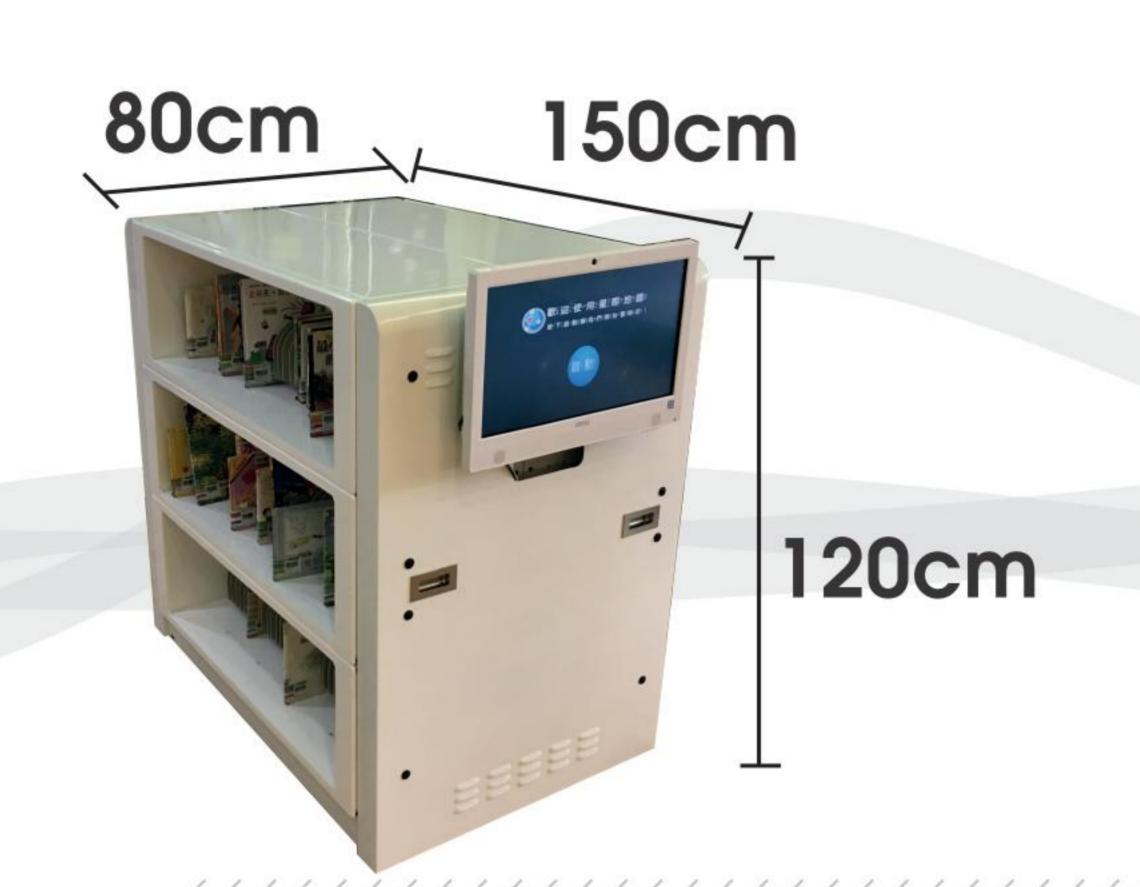# An Integration of RFID Smart BookShelves for Popular Books and Visualized Interface Design for Children

· Li-Hsiang Lai, Associate Researcher, National Library of Public Information, Taiwan (R. O. C.)
· Mu Wei Lee, Department of Interaction Design, National Taipei University of Technology, Taiwan (R. O. C.)
· David Cheng, ClarIDy Solutions, Inc., Mitac Group, Taiwan (R.O.C.)
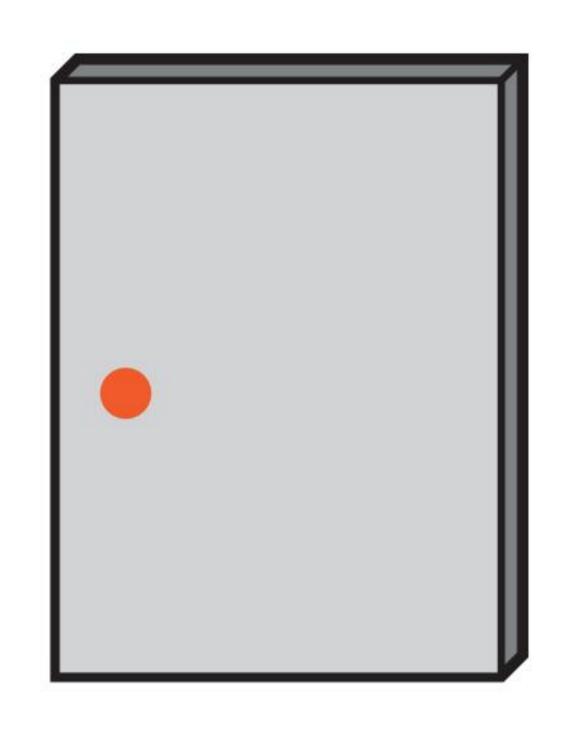
80cm 150cm 120cm

RFID smart bookshelves help to locate books on the shelves with out relying on call numbers. This enables the placement of books from various categories on the same smart bookshelf.

A visualized information system using a touch-screen, which enables young users, especially digital natives, to access an interface that is designed in accordance with their age and cognitive abilities.

Keywords tags and game-related icons make the book-finding process an effective and enjoyable journey for these young users.

RFID Reader Locates Book Selected

書名： 我的老師不一樣
ISBN:9789862411285

書籍位置

Title

Location of Selected Book on Shelves

Book Title
Book ISBN
Book RFID Tag Number
Book Category Tag