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

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RFID smart bookshelves help to locate books on the shelves without 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

<table>
<thead>
<tr>
<th>Book Title</th>
<th>ISBN</th>
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<tbody>
<tr>
<td>我的老師不一樣</td>
<td>9789862411285</td>
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Location of Selected Book on Shelves