



# ABSTRACT

UITM KEDAH  
**Indelible**  
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EMPOWERING INFORMATION SOCIETY THROUGH INNOVATION

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# **INNOVATION**



## AUTO BOOKSHELF

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### Abstract

Auto BookShelf is specially designed for disabled people and kids. It is used for ease for them to reach the books, if the rack is more than their height. Auto BookShelf also ease for library staff to do shelving, stock inventory check purpose and so on.

Information agencies, especially libraries, need to have this kind of shelf because of to cater the needs for kids and disabled people. For example in public library, kids prefer to reach the books more than of their height. So, with the help of Auto BookShelf, they can reach and read that particular book. Other than that, Auto BookShelf also useful for disabled people. Disabled person with a wheelchair, can easily push the button to reach the book of their choice.

#### Mechanism of Auto BookShelf

Auto BookShelf easy to navigate. Just find the the book in the OPAC system, then the user can find the shelf, and push the button, until the respective rack reach to their height.

Novelty and uniqueness: Auto BookShelf specially designed for organization of information tasks, and any other information agencies such as libraries, bookstore, information center and so on. It is designed for ease of daily works by the staff incharge, to do shelving, stock inventory, cleaning and so on. Auto BookShelf also specially designed for differently abled users. Indirectly, it encourage this kind of special users to be more convenient and comfortable with the services provided. For kids, having an experience to navigate Auto BookShelf is something precious for them, because they know, information agencies understands them.

**Keyword:** Book Shelf, Special Book Shelf, and Auto Bookshelf

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**Potential commercialization:** Auto BookShelf is best to be placed in an academic institution such as universities' bookstore, libraries, information centers, individual collections and others.

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