NU THE BOOKS SHELVES OF NEW TECHNOLOGY

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1. INTRODUCTION/ LOCATION AND HISTORY

Norton University was one of the first private Cambodian educational institutions and was established since the 2nd December 1996 by Professor Chan Sok Khieng .it started to offer classes in December 1996 and was recognized as a university by sub-degree on September 18, 1997.Recently, there are 6 academic programs such as Foundation Studies department, College of Science, College of social sciences, College of Art, Humanities and Languages, Faculty of health science and Graduate school.
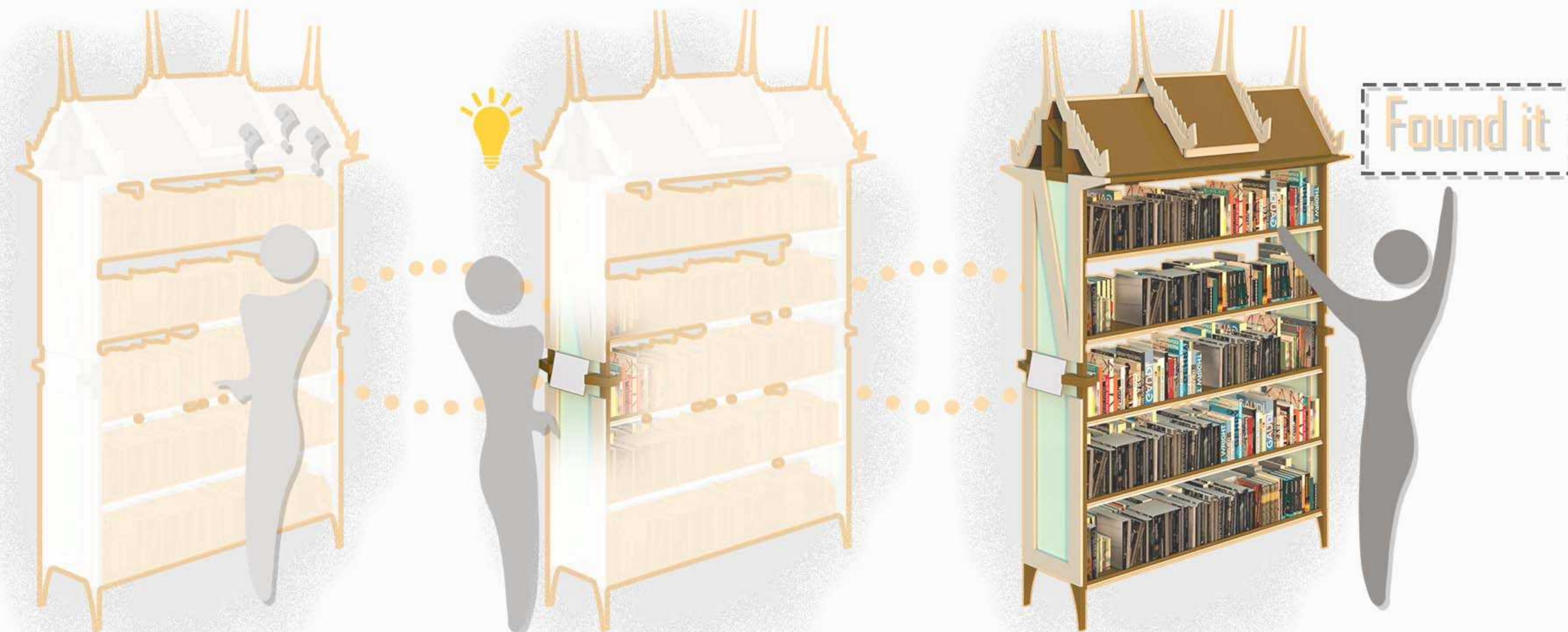
The campus in the downtown part of Phnom Penh consists of five buildings with 92 rooms, including 67 classrooms (19 rooms equipped with LCD), and 25 offices. The physical plant greatly enlarged when the purpose-built building in the new campus in Chrouy Changva peninsula became operational. The 5-story building that has an area of close to 20,000 sq.and is designed inspire by classic Khmer architectural style. It has offices and the library on the ground floor and classrooms and laboratories in the upper floors. The rooms' windows provide a panoramic view of the surroundings and are fed by soothing breezes.

Norton University is known as one of the best educational institution in Cambodia. Therefore, around 10,000 students from all three shifts have enrolled here to continue their learning journey.

2. GOALS OF PROJECT

The purpose of this project is to make it easily for everyone to use for finding all the books.
- Make it easily for finding any books by using modern technology system on the books shelves.
- Not difficult to finding the books that everyone needs and likes to read.
- Save a lots of time for finding any books to read.
- Will make it easier for the organizer to re-arrange back to the old place.

DEVELOP FROM OLD TO MODERN

NEW TECHNOLOGY SYSTEM FOR JUST TAPPING

LIFE BECOME EASIER WITH MODERN TECHNOLOGY

3. PROJECT DESCRIPTION

NU books shelves is an automated system that has a tablet display build in with the books shelves to use for searching any books. The system will progress light up all position that book stay when searching information or name of the book or hint of any books.
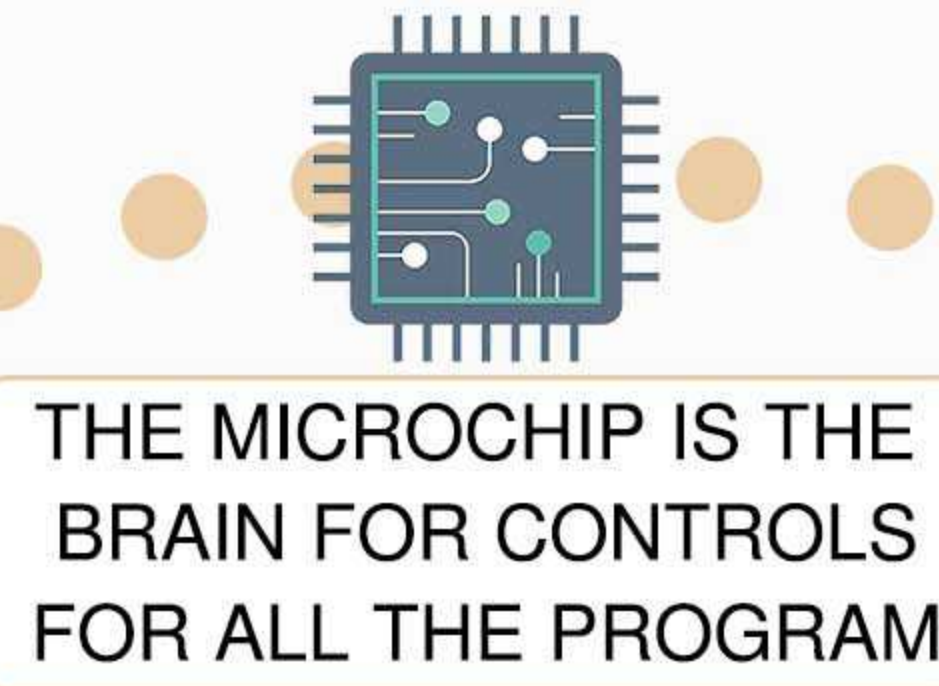

5. PROJECT PROPOSAL

Observing that today the modernization of technology is more advanced, especially the use of these technologies integrated in architecture, building construction, etc. Our team inspired the introduction of an automatic books shelves system through the use of individual student. Which Helps to finding any books for students, professors and staffs during school day.

THE SYSTEM REVEALING POSITION

TABLET SCREEN

THE SYSTEM SHOWING PLACE FOR A BOOK

4. PROJECT FEATURE

How dose the NU SMART BOOK SHELVES OF NEW TECHNOLOGY SYSTEM work ?

THE MICROCHIP IS THE BRAIN FOR CONTROLS FOR ALL THE PROGRAM

WIRE AND CABLE KEEP ALL THE PROCESS WORKS

THE TABLET FOR THE SCREEN DATA
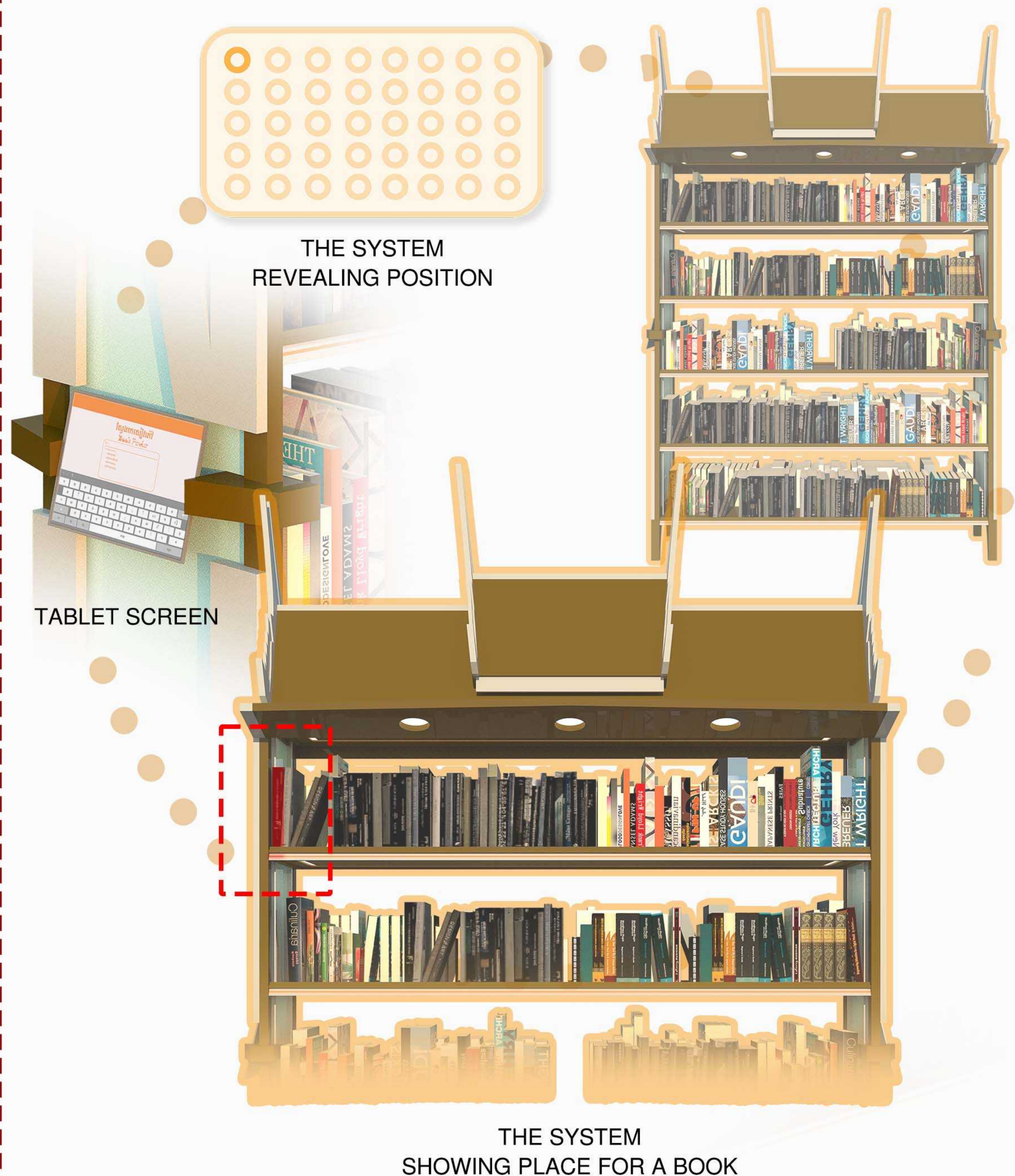
THE QR CODE

THE REVEAL POSITION OF A BOOKS

THE LED LIGHT BAR

6. PROJECT CONCLUSION

This smart books shelves project is to provide to give all people a very comfortable and easier to finding any information or books. It is emonstrating that every library can equiqqed with modern technology and shown to the world for future.