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LASM
(Library Automated Self-service Machine)

PROJECT DESCRIPTION

This project introduces a new Hybrid Self-check machine designed for easy use, user interactivity and transaction effectiveness.

Patent : Pending
Fact : The first local product of this kind

FEATURES

√ Browser-based book loan, return & renew functions.
√ Web-based real-time - online monitoring for IT Administrator.
√ Auto-Store and forward for Offline Circulation.
√ Webcam image capture of each patron transaction.
√ Intergrated EM & RFID Reader Unit.
√ Hybrid Barcode & RFID support for books.
√ Hybrid Barcode & Smartcard support for Patron Cards.
√ Prints and transmits paper receipt and e-receipt via e-mail.
√ Touch-Screen Technology.
√ Multi-lingual user interface.
√ Customised user interface design.
√ Compatible with 3M and other Tattle Tape electromagnetic strips.

COMMERCIAL POTENTIALS

> Can be used in libraries - locally and abroad.
> Inexpensive.

INFO

> Allows library customers to manage their own transactions efficiently.

> Features eWAVE self-checkout system.

> Reads both RFID tags and bar codes

> Offers security support for both Radio-frequency identification (RFID) and electromagnetic (EM) strips

> Processes multiple items simultaneously.

> Delivers easier, faster and simpler self-service.

> Is flexible, reliable and cost-effective to protect library's collection

> Reduces labor of circulation.

> Available in kiosk or tabletop versions.

COMMERCIAL POTENTIAL

> Worldwide
> UiTM, IPTA and IPTS
> Public, Teaching Institution and Polytechnic Libraries

ADVANTAGES

ADVANTAGE	EXISTING	SCM
MAINTENAINCE	EXPENSIVE	INEXPENSIVE
COST (RM)	RM142,000	RM20,000
SPEED	20 seconds	10 seconds
SAFETY	SOFTWARE	HARDWARE (INOVASI)

ACHIEVEMENTS

Malaysian Tecnology Expo 2009 Gold Medal
IID 2009 Gold Medal
ICC 2009 Second Runner-Up National
ICC 2009 Best UITM Innovation
The Best Cost Saving

FACTS

The Best UITM Innovation ICC 2009
The Best Cost Saving
ICC 2009 Champion
IID 2009 Gold medal
Malaysian Technology Expo 2009 Gold Medal

http:// kik ewave. multiply. com
email : ewave. ptar @gmail. com