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International Innovation & Design in Library & Information Science Competition

Continuous Innovation for Excellence

ABSTRACT

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DEWAN TUN ABU ZAHAR
Lembaga Pertubuhan Peladang (LPP)
Kuala Lumpur.

In Collaboration With

PERPUSTAKAAN
NEGARA MALAYSIA

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Table of Content: Category

Table of Content: Division

Invention

Innovation

Offline Public Access Cataloge
(offPAC)

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Abstract

OffPAC is a smart phone application designed for iOS and Android which function as an OPAC (Online Public Access Catalogue). User may use OffPAC even without an active Internet connection to search within library catalogue. It transforms the traditional ways of searching materials on OPAC that is installed on dedicated computer with an Internet or network connection. OffPAC displays a complete material bibliographic information on user's smartphone screen and makes it easier for any library user to find books in the collection and bookmarked them for later access. It provides easy workflow for library staff and users in order to check whether any book or material is already available or not on library shelves. OffPAC application is further enhanced for asset tracking. When users need to locate any asset, the asset number will indicate the location of the asset in any large stores or storage rooms.

Keyword: Offline public access catalogue, search library catalogue, library smart phone application, online public access catalogue, library mobile app, opac app, offpac app, android, ios

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Potential commercialization: The app can be customized not only to be use as an OPAC replacement (for in use at libraries), but also for other documentation centers for examples: files room, archives centers and many others. Files and materials managed by OffPAC can be easily retrieved and located for further use.
Can also be use at large shopping mall, warehouses and item storage room for easy information retrieval regarding an item: their whereabouts and detail descriptions.

INVENTION

Faculty of Information Management
Universiti Teknologi MARA (UiTM)
Cawangan Kedah