

Mobile Based Library Services: An Overview Study of Mobile Phone Based Services in the Libraries

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Abstract: *Information technology has a significant impact on how human civilization advances and develops. The term information technology has spread throughout the world and been used in every industry. Libraries are not an exception when it comes to the processing, retrieval, and distribution of information. Mobile technology had broadened significantly and now libraries are also exploring and experimenting with this technology. The present paper discusses leading strategies that innovative libraries are using to deliver services through mobile phone. Mobile library services are still lacking and insufficient to meet the increasing needs of various users. This paper provides an overview of the development and application of mobile technology in libraries. It identifies the new mission for building high quality mobile library services and discusses the future of mobile library architecture.*

Keywords: Mobile Library, Smart phone, Mobile Technology, Android phones, e-Resources, Mobile Library.

I. INTRODUCTION

Information technology has provided better solutions to achieve greater levels of efficiency, productivity, and excellence services in libraries. Libraries have been investigating new technologies to give their users better and faster access to vast information resources and efficient information services. The use of information technology accessibility promotes successful management, the free exchange of ideas, and the free flow of information. A great deal of changes are being made to the ways that communication and information transmission are facilitated in the age of enhanced mobile communication technology, particularly between businesses and their customers as well as between employers and employees and offering an increasing number of services with additional value. College and university libraries now include digital collections that may be accessed via computers. Still, mobile devices are a viable substitute for computers when it comes to using digital libraries. Users' mobile devices can access digital collections via a digital library. Since most faculty members and students now own laptops and cell phones, libraries have the chance to create new

Objective –

To study of mobile-based application in libraries to the enhance the library services.

Methodology – secondary data has been reviewed and considered with its validity and reliability from several sources such as Referred Journals, E-Journals, Online databases,

Definition of Mobile technology:

According to Cambridge dictionary Mobile Technology means electronic equipment such as mobile phones or small computers that you can use in different places, and the technology connected with them Technology that travels with the user is called mobile technology. It is made up of computing equipment, networking technology, and portable two-way communication devices. These days, internet-capable mobile devices such as watches, tablets, and smartphones are the epitome of mobile technology. These are the most recent in a line of devices that also includes GPS navigation devices, notebook computers, flip phones, two-way pagers, and more..

Library on Mobile Devices:

The housekeeping procedures and services that libraries offer to grant access to their collections have evolved in the era of information and communication technologies. These days, mobile technology has given rise to the "Libraries in hand" fad. Teachers, researchers, students, and college students can now find what they need without having to visit the library thanks to the internet. In order to make sure they are interacting with users and offering web content in the most suitable and efficient manner, our librarians are working to ascertain how these gadgets are affecting information access. The market for mobile access to tailored facts and information at any time is growing, and our librarians need to be ready to meet this challenge.

The market and need for mobile access to tailored facts and information must grow, and our librarians need to be ready to meet this challenge. The most crucial instruments for enabling quick handling and responses to user inquiries from the community of library users are email and mobile devices. These days, mobile devices are capable of running ever-more-complex software, interacting with cloud services, playing rich multimedia material, and enabling sophisticated user interaction.

The mobile environment includes new hardware and technology including multi-touch screens and Bluetooth, as well as text messaging apps for smartphones, mobile websites, global positioning systems, Wi-Fi, and tools for creating and capturing video. The inquiry desks allowed users to use their mobile devices. Users of libraries can be informed about forthcoming events by using SMS or text services, which are available on all mobile phones. A specialized information service that can be provided to everyone through wireless technology is the mobile library service.

Additional Services offered by libraries

By embracing the expanding potential of mobile technology, libraries can provide their patrons with greater service. By providing mobile access to their websites and online public access catalogues, as well as on-the-go mobile reference services and mobile access to e-books, journals, videos, MP3 books, and multimedia content, they can advertise and grow their current services. As a result, audio/video collections are increasingly being downloaded or streamed on demand rather than just consisting of physical objects that can be checked out. distributing material in Names

For those who are interested, libraries can offer a variety of mobile services. It's possible that the use of smartphones for reading, watching, listening to, and creating digital content will have a greater influence on libraries than this range of communication capabilities, particularly when it comes to the provision of reference services.

The following mobile services are available to users of libraries:

Consult a Reference Services

Services for Circulation

Loan Services between Libraries

Alert Services via SMS

OPAC via a mobile device

A list of new addition of books

e- Notice Board

Library blog

Internet access via Wi-Fi

Consult a Reference Services

Requests for assistance with specific information requirements are commonly made in person at the library, although reference is increasingly done via phone, chat, and email. Reference librarians recommend, interpret, assess, and/or use information resources to help users.

Library data search

Access to their own databases and resources is granted by libraries and other institutions. Simply enter your search keywords to obtain results that are optimized for mobile browsing.

Inter library loan services

Interlibrary loan .Through the use of interlibrary loan, users can obtain electronic documents from one library and borrow physical materials from another. When communicating the desired document's status to the borrower library, mobile devices come in very handy.

Alert Services via SMS

The majority of libraries employ short messaging services for a range of functions, such as alerts about upcoming due dates, the availability of library materials, call numbers, and location, among others.

OPAC via a mobile device

Mobile devices can access library catalogs through libraries. By working with software providers to produce WEBOPAC and M-OPAC that are mobile friendly, libraries are enabling users to access their online public access catalogues through websites that are suited for mobile devices.

A list of new addition of books

Students' groups receive a list of recently added books to the library, which they can view on their mobile devices.

E- Notice Board In order to read updates or announcements from the notice board, students would have to go to their faculties or departments where the notice board is located. But, as the world changes and new technologies have been discovered, the information delivery has also become more efficient and user friendly by using mobile application

Library blog-

Blogs are a simple and efficient way for librarians to stay informed and for mobile application useful for *libraries* to disseminate information in a timely manner.

Internet access via

Many libraries allowed patrons to access e-services via mobile devices by providing wi-fi connectivity.

WhatsApp Messaging

The most widely used tool for providing rapid access to definitions, meanings, and other information from digital libraries and the internet for library users is WhatsApp messaging. This is a more favored and practical means of user communication. WhatsApp groups are used to connect with users collectively on the majority of information.

Advantage of mobile devices in library service

The use of mobile phones is becoming a necessity for daily life. There are several uses for mobile phones. Users may now communicate and access data quickly and easily from the comfort of their homes and businesses thanks to mobile phones. Mobile gadgets have already had a significant impact on many facets of life. More options and capacities are available on today's mobile phones than ever before. People use their mobile phones to read books, watch television, listen to music, search the web, and communicate with friends. One of the most popular interfaces for sharing and accessing information nowadays is a mobile device.

The inquiry desks allowed users to utilize their mobile phones. All mobile phones have text capabilities called Short Message Services (SMS), which can be used to inform academic library patrons about events and new hires. Academic libraries must stay up to date with the constantly shifting needs of its patrons. The mobile library service is a highly customized and specialized information resource that may be accessed by anyone with wireless technologies. Users could receive notifications at the approaching or beyond due date of books through renewals.

II. CONCLUSION

Application of mobile technology in library services is a necessity of our life today .mobile telephones have become important in both developed and developing countries. Mobile phoneA phone is a device that allows users to

communicate, communicate, trade and innovate. movableDevices and mobile technologies can make teaching and learning easierdo The impact of the adoption of mobile technology has increased the awareness among library staff of the need to acquire skills to benefit from them. Mobile applications can support learning by increasing library resources everywhere, bringing new users to the library, increasing the accessibility of library resources, and creating a new way to improve the connection between users and libraries.

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