

## USE Of Mobile Technology Library Services Advantage and Disadvantages

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### Abstract

The uses of internet through mobile phones and Smart phones increase rapidly day by day. So, libraries have to make an effort to provide their services through mobile phones also to provide better services to users. Library and technology both are growing organisms. Use of other information and communication technologies to automate or improve the Services. Libraries have strengthened their services by introducing ICT. The improvement of mobile technology has resulted in shifting the academic settings from outdated to mobile learning settings. This Paper discuss on the mobile technology, mobile library services, and its advantages and limitations. This paper focus on use and application of mobile technology,

**Keywords:** Information and Communication Technology, Mobile technology, Mobile library services, Library Applications.

### Introduction

The wireless technology and mobile phones are becoming an integral part of everyday life we all know about fast changing nature of libraries. Academic libraries are changing in response to changes in the learning and research environment and changes in the behavior of library users.

Mobile phones are having an increasingly positive impact across all facets of human activity. It is impossible for libraries to ignore mobile technology as it becomes such a crucial component of the information world. The changes are evolutionary. Libraries are adding new, digital resources and services while maintaining most of the old, traditional resources and services. Finding and funding the appropriate balance of digital and traditional initiatives challenges strategic and financial planners. Now a Day Mobile Technology plays great role in library. Students use mobile phones for Searching of Information. Information and Communications Technology continues to expand the boundaries of higher education into the “anytime/anywhere” experiences. Mobile communication is transforming how people search, receive and interact with information on a daily basis.

### Aims & Objectives of Study:-

- 1) To know the application of mobile Technology in library.
- 2) To Study Library services through mobile Technology.
- 3) To study advantages and disadvantages of mobile Technology.
- 4) To Study how these advanced mobile tools provide portable access to the world of information, across boundaries of subject, discipline and country

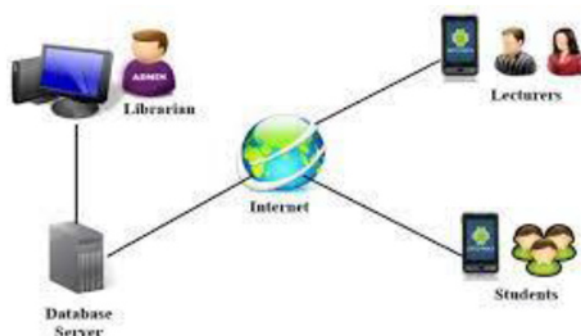


Fig. 2 System Architecture of Mobile Library

### Mobile Technology

“Mobile Technology is defined as handheld information technology devices or items that include hardware devices, software and communication.” Mobile Technology is the technology used for mobile communication. Mobile technology has improved speedily over the past few years. Since the start of this era, a standard mobile device has gone from being no more than a simple two way paper to being a mobile phone GPS navigation device, an entrenched web browser and quick messaging client, and a handheld gaming console

### Libraries Provide Expanded Services:

Libraries can better serve their users by embracing the growing capabilities of mobile technology. They can promote and expand their existing services by offering mobile access to their websites and online public access catalogues by supplying on the go mobile reference services and by providing mobile access to e-books, journals, video, MP3 books, and multimedia content. Thus audio/video collections no longer are composed only of physical units to borrow, but increasingly are streamed on demand or downloaded, Circulating content in urban and rural libraries across America. An American library association study in 2010 found that 66 percent of public libraries offered e books to their users (up from 55 percent the previous year). An estimated 83 percent of libraries offer online audio content and about 63 percent offer online video content. Mobile Technology and Library Services: A Practical Approach Libraries can provide a wide array of mobile services to interested users. While this range of communication capabilities has significance for libraries, especially in the provision of reference service, it is possible that it will actually be the use of smart phones for reading, watching, listening to and producing digital content that will have the most impact on libraries.



**Mobile library services:** Libraries can provide following mobile services to the users.

- 1) SMS Alert Services
- 2) Mobile Library Site
- 3) Reference Enquiry Services
- 4) Instant Messaging for Reference services
- 5) Circulation Services
- 6) CAS & SDI Services
- 7) Distribution of e-Resources
- 8) Library Maps & Floor Plan
- 9) Mobile Databases
- 10) Inter Library Loan Services
- 11) Suggest a purchase of books & journals
- 12) OPAC on mobile phone (M-OPAC)
- 13) List of New arrivals
- 14) Books and Article Search
- 15) Library News, Blogs and Events
- 16) Wi-Fi Internet Access

**Advantages of Mobile Technology in Library**

- Information can deliver very quickly, so it saves time of users.
- It attracts the users to library.
- It changes the concept of physical library to digital library.
- It provide the services on their devices this fulfills the need of users i.e. “library in Hands”.
- It save the time of users and staff also To encourage the users to

Search by own the library resources though M-OPAC, download the e-resources and read through mobiles.

- To provide unlimited access of users.
- To provide reference service on mobile devices.
- To save the space, money in purchasing of physical printed resources.
- It is beneficiary in Teaching – Learning activity so it improves cooperation between library staff and users.
- More actively deliver messages to people wherever they are at the right time.

**Disadvantages of Mobile Technology in library**

- Inadequate contents
- High cost: - It is expensive and resource intensive
- It requires skilled and expertise library staff
- Inconvenient input of data and output interface
- Limited computational power
- Slow transmission speed as Compared to wired Internet service.
- Screen Quality – mobile phones having small screens and display, so it is difficult to read.

- The screen is too small: Due to the small screen size of the mobile phone, puts a strain on your eyes.
- Internet connectivity and mobile signals are major obstacles.
- It requires good infrastructure and maintenance

## CONCLUSION

Mobile technology is the essential tool for today's life and we can use to provide library services to users and through mobile user can easily access the e-book. In future we can use Mobile phone-a-Librarian is part of Ask A Librarian service that provide the information for users to get quick help in finding information on library services and resources. Mobile phones are expected tools for information communication. The dissemination of managed information is a common feature in an educated society. Libraries specially use several tools and techniques to circulate the information to the users. For this purpose the use of technology is very important. Mobile technology has become advantage to the libraries. A library may reach the remote users efficiently by adopting of mobile technology in its services.

## References

1. Kumar Satish "Excellence In Library Services By Using Mobile Technology, International Journal of Scientific & Innovative Research Studies Vol (3), Issue-11, November -2015 9
2. Aharony, N. (2013). Librarians & apps; Attitudes towards mobile services. Aslib Proceedings, 65(4), 358-375.
3. Saxena Archana (2013). Impact Of Mobile Technology On Libraries: A Descriptive Study. International Journal of Digital Library Services Vol 1 , Oct -Dec. 2013, Issue- 44.  
<https://www.alastore.ala.org/content/mobile-technol...>
4. Roy Mani Bhushan and Kumar Naresh, Application of Mobile Technology in Library Services, *International Journal of Information Movement*, 2017, 2(7), pp.168-172. [www.ijim.in](http://www.ijim.in)
5. Saxena Archana and Yadav R.D., Impact of Mobile Technology on Libraries: A Descriptive Study, *International Journal of Digital Library Services*, 2013, 3(4), pp.1-13. [www.ijodls.in](http://www.ijodls.in)
6. Sharma Dhara and Sahoo Dipti, Application of Mobile Technology in Library Services: An Overview, *International Journal of Information Technology and Library Sciences*, 2014, 3(1) pp.17-24. <http://www.ripublication.com>
7. Sheikh Maideen, Mobile Technologies for Academic Libraries: An Overview, Emerging Trends in Library and information Sciences, *Researchgate*, 2017, pp.124-129.
- [8] Singh Karan and Nikandia Pradip, Role of Mobile Technology and Their Application in Library Services in Digital Era, *International Research Journal of Library and Information Sciences*, 2017, 7(1), pp.157-166