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Use of QR Code in Library for Improving Library Services

Dr Jugal E Maldhure

Librarian Smt Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji, District Amravati ,E-mail: jugalmaldhure@gmail.com

Abstract

Quick Response (QR) code is one such technology which can cater to the user demand of providing access to resources through mobile. The main objective of this article to review the concept of Quick Response Code (QR code) and describe the practice of reading and generating QR codes. It includes services implementation via QR Code, applications of QR Codes in libraries, QR Code applications in libraries examples, QR Codes use for various aspects, QR Code Website/Software and Reader, advantages of QR Codes use in library, and limitations to use for QR Code.

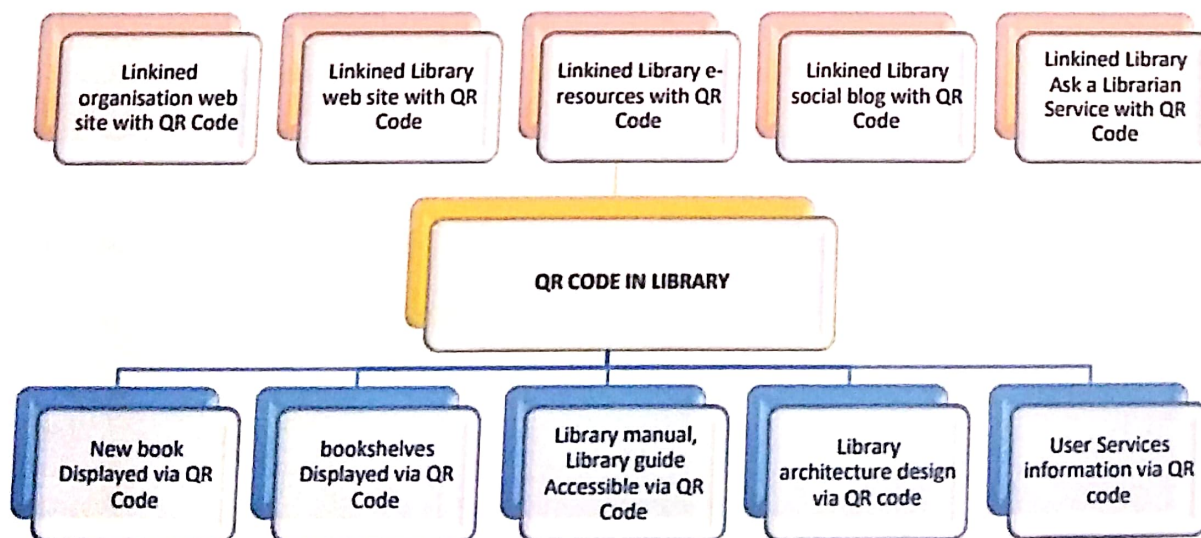
Introduction

As extending of new innovation pattern it augmenting to library stage that create an chance to use the manner in which individuals access right data in a speedier manner at anyplace whenever. As Ranganthan said in the fourth law of library science "Save the hour of the peruser". So to satisfy this regulation, library experts need to go through a progression of innovation to work on the administrations of library, the quality and the method for giving it is so crucial to embrace new applications. Currently different innovation applied in fortify the workableness of library action, QR Code is one of them, however which can satisfy the quintessence of clients and the experts of library science additionally it is a major tested to carry out and incorporate all the exercises to help scholarly capacity.

Objectives of the study

- 1) To recognize the area of utilizations wherein the QR Code are being utilized in the libraries.
- 2) To make familiarity with the functioning instrument of QR Code.
- 3) To concentrate on the beneficial idea of QR Code technology in the library.

The Picture is showing services implementation via QR Code



Applications of QR Codes in Libraries

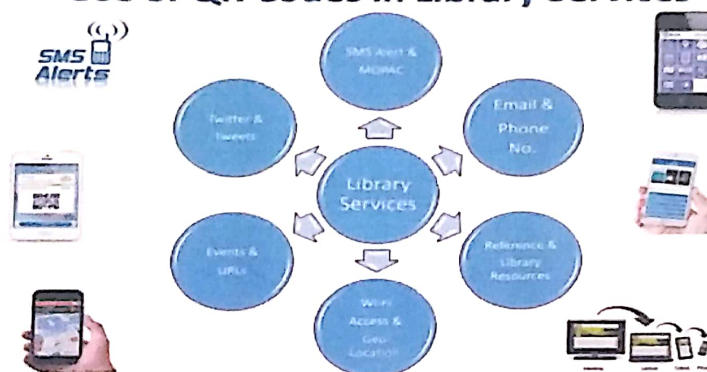
QR codes can be utilized to give assistance and backing to users and give different virtual reference administrations to them. QR codes can be utilized by libraries to make their administrations proficient, speedy, and easy to use. Libraries can involve both static as well as powerful QR codes to get the users to know various parts of the library and furthermore to give different virtual reference administrations to them. The virtual reference administrations by utilizing



QR codes depend on the 2 expectation of the requirements of the clients by the library. A portion of the administrations which library can give utilizing QR code are

- As a guiding tool
- Link to the library website
- To receive stakeholders' response
- For providing additional information related to resources
- For inter-library loan service
- For providing cataloguing details
- As direction guide
- Link to different utility services
- To link print journal holdings with electronic equivalents
- Use in helpdesk
- Link to guidelines for the evaluation of information resources and many other

Use of QR Codes in Library Services



QR Code Applications in Libraries Examples

- Scan the QR Code for our Library Contact
- Scan the QR Code for our Library Website
- Multi URLs
- Library SMS Notifications
- Scan the QR Code to our Facebook page
- Scan the QR Code for @Twitter
- Scan the QR Code to Watch our YouTube
- SMS Reference: Ask-a-Librarian SMS service is offering mobile patrons the ability to text their questions to the Librarian.
- Mobile Number
- Web OPAC.....many more...
- Scan to mail

QR Codes Use for...

- Website URL
- Image File
- Google Maps Location
- Facebook
- Instagram
- iTunes Link
- Plain text
- Skype call
- E-Mail Address
- Contact Details
- Attendance Tracking
- Paypal buy now link
- E-mail and phone numbers
- YouTube Video
- PDF File
- Twitter
- LinkedIn
- App store Download
- Dropbox
- Telephone Number
- SMS Messages
- E-Mail Messages
- Digital Business Card
- Wi-fi login
- Use of QR Codes in Library Services SMS Alert and MOPAC
- Reference and Library Resources



- Wi-Fi access and Geo-location
- Twitter and tweets
- Users love mobile Phones
- High Data Capacity
- Small Printout
- Events and URLs
- Advantages of QR Codes Sharing
- Interactive and Simple to use
- Variety of Data

QR Code Website/Software and Reader

There are various programming uninhibitedly accessible on the lookout for making QR codes and furthermore there are per users for PC and Mobile. Coming up next are a few instances of Softwares and per users:

• Website/software:

- | | | |
|------------------------|-------------------|-------------|
| 1) GoQR.me | 2) QRMobilize | 3) QR Stuff |
| 4) ZXing | 5)Delivr SnapMaze | 6) RACO |
| 7) SparqCode | 8) QR-Code Studio | 9) Code two |
| 10) QR Code Generators | | |

• QR code reader

- | | | |
|-------------|------------------------|------------|
| 1)NeoReader | 2)TapMedia's QR Reader | 3) i-nigma |
|-------------|------------------------|------------|

• iPhone QR Code Reader Apps

- | | | |
|--------------------|-------------------|----------------------|
| 1) ScanLife (Free) | 2) Barcode (Free) | 3)Optiscan QuickMark |
|--------------------|-------------------|----------------------|

• Android Free QR Code Reader Apps

- | | | |
|---------------------------|---------------------|--------------------|
| 1) Barcode Scanner (Free) | 2) ShopSavvy (Free) | 3) ScanLife (Free) |
| 4) QuickMark (Free) | | |

• Windows Phone 7 QR Code Reader Apps

- | | | |
|-------------------|---------------------|------------|
| 1) BeeTagg (Free) | 2) Quickmark (Free) | 3) Stripes |
|-------------------|---------------------|------------|

Advantages of QR Codes Use in Library

QR Code is one of the significant instruments to scatter data in advanced design. The primary benefits of QR Codes are as per the following.

1. Various types of entities information can be accessed like music, image, text, message, etc.
2. It can be used anywhere, anytime and on anything.
3. It is very economical.
4. It can hold more and different data.
5. Instant information on everything with error free.
6. Easy to replay of damaged labels.
7. Anyone can generate the QR Codes and use on required source or product.

Limitations to use for QR Code

- Not everyone owns an internet enabled device (many still do not)
- Websites not yet mobilized
- Poor implementation of QR codes
- Not the prettiest (barcode graffiti)
- Need for education and promotion
- Privacy issues
- Overuse

Conclusion

The purposes of QR Code are expanding step by step. It takes care of different fields like promoting, business reason, voyaging, and library additionally one of them. So we can say in words that it is the impression of developing innovation and its effect on our scholarly client local area. Before very long, users confronted more insight by utilizing this superb tool. QR codes additionally helps in friendly removing. Utilizing QR codes the installments should be possible at the doorstep and contact won't happen. Consequently individuals can follow the safety measures on friendly removing set by the states. It is an easy to understand process for the users and the conveyance specialists.

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