

Mobile Information Literacy for Libraries

A case study on requirements for an effective Information Literacy Program

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Everything and Everywhere is Mobile



Agenda

- Introduction
- Trends in Mobile Technologies
- Mobile Technologies in Libraries
- Information Literacy through Mobile Applications
- Case Study on Requirements of IL through Mobile Applications
- Proposal for Adopting Mobile Information Literacy
- Conclusion

Information Literacy

Information literacy is usually described as the ability to locate, manage and use information effectively for a range of purposes.

-Christine Bruce

Information Literacy

The Information Literacy Models

- Christine Bruce (1997) “seven faces”
 - **ONE:** THE INFORMATION TECHNOLOGY CONCEPTION
 - **TWO:** THE INFORMATION SOURCES CONCEPTION
 - **THREE:** THE INFORMATION PROCESS CONCEPTION
 - **FOUR:** THE INFORMATION CONTROL CONCEPTION
 - **FIVE:** THE KNOWLEDGE CONSTRUCTION CONCEPTION
 - **SIX:** THE KNOWLEDGE EXTENSION CONCEPTION
 - **SEVEN:** THE WISDOM CONCEPTION
- Sylvia Edwards (2006) “Net Lenses” model
 - LOOKING FOR A NEEDLE IN A HAYSTACK
 - FINDING YOUR WAY THROUGH A MAZE
 - INFORMATION SEARCHING IS SEEN AS USING THE TOOLS AS A FILTER
 - INFORMATION SEARCHING IS SEEN AS PANNING FOR GOLD

Mobile Technologies in Libraries

- Being available for your users anytime, anywhere, any place
- New Paradigm - Possibility of never seeing your patrons in person in the future
- Does new mobile technology change what it means to be “information literate”?

Mobile Information Literacy

What does it mean to be *mobile* information literate?

Information Literacy Competency of ACRL

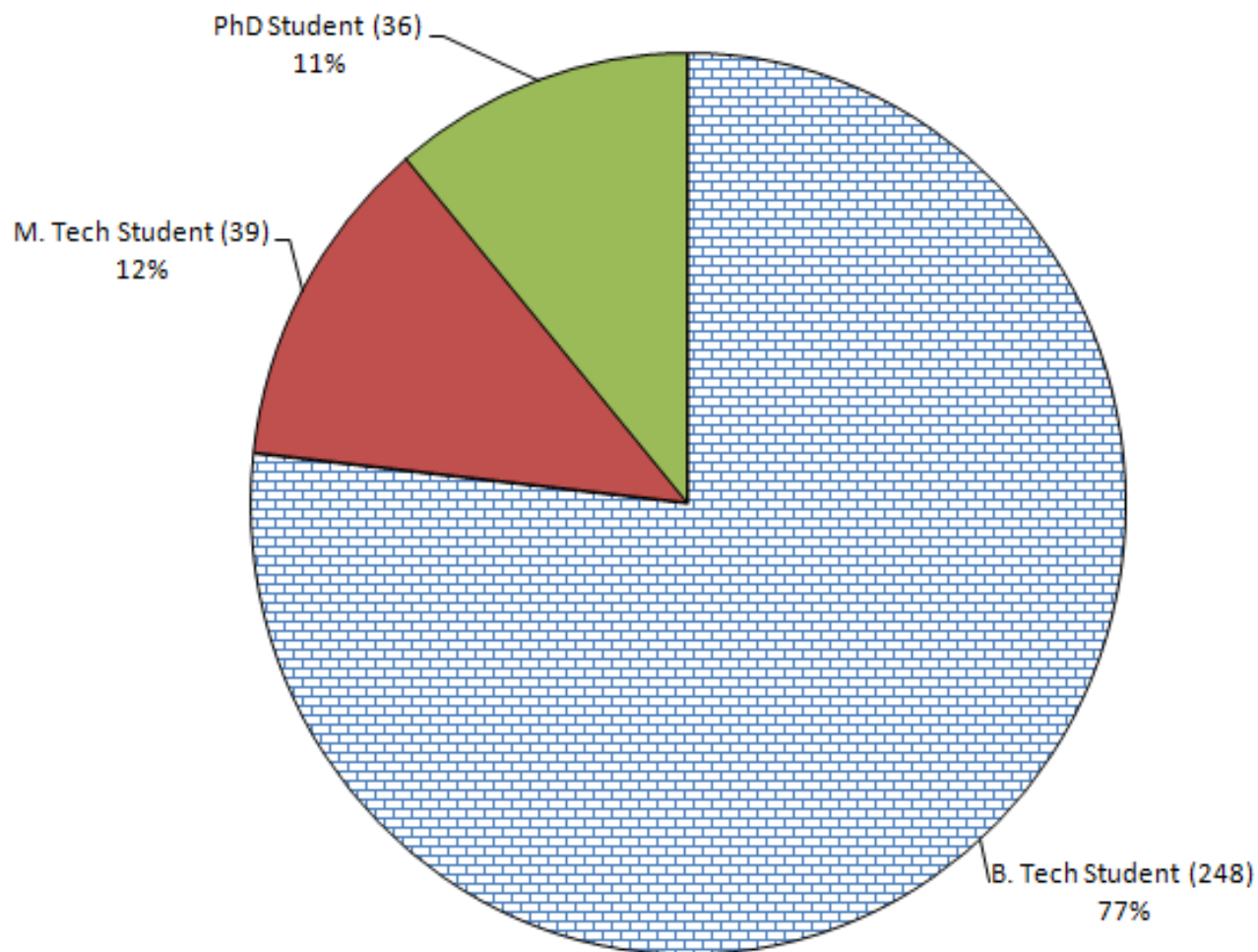
The information literate student considers the costs and benefits of acquiring the needed information.

The information literate student selects the most appropriate investigative methods or information retrieval systems for accessing the needed information.

The information literate student communicates the product or performance effectively to others.

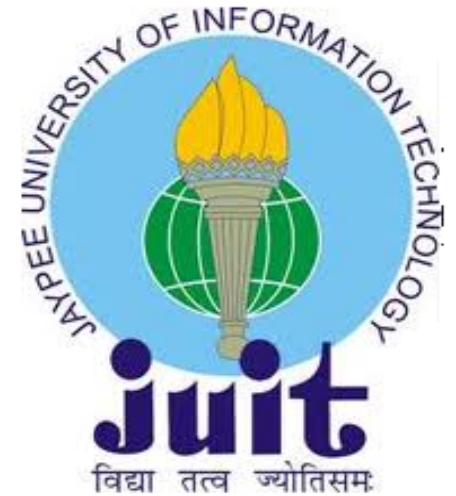
The information literate student understands many of the ethical, legal and socio-economic issues surrounding information and information technology.

Demography of Respondent

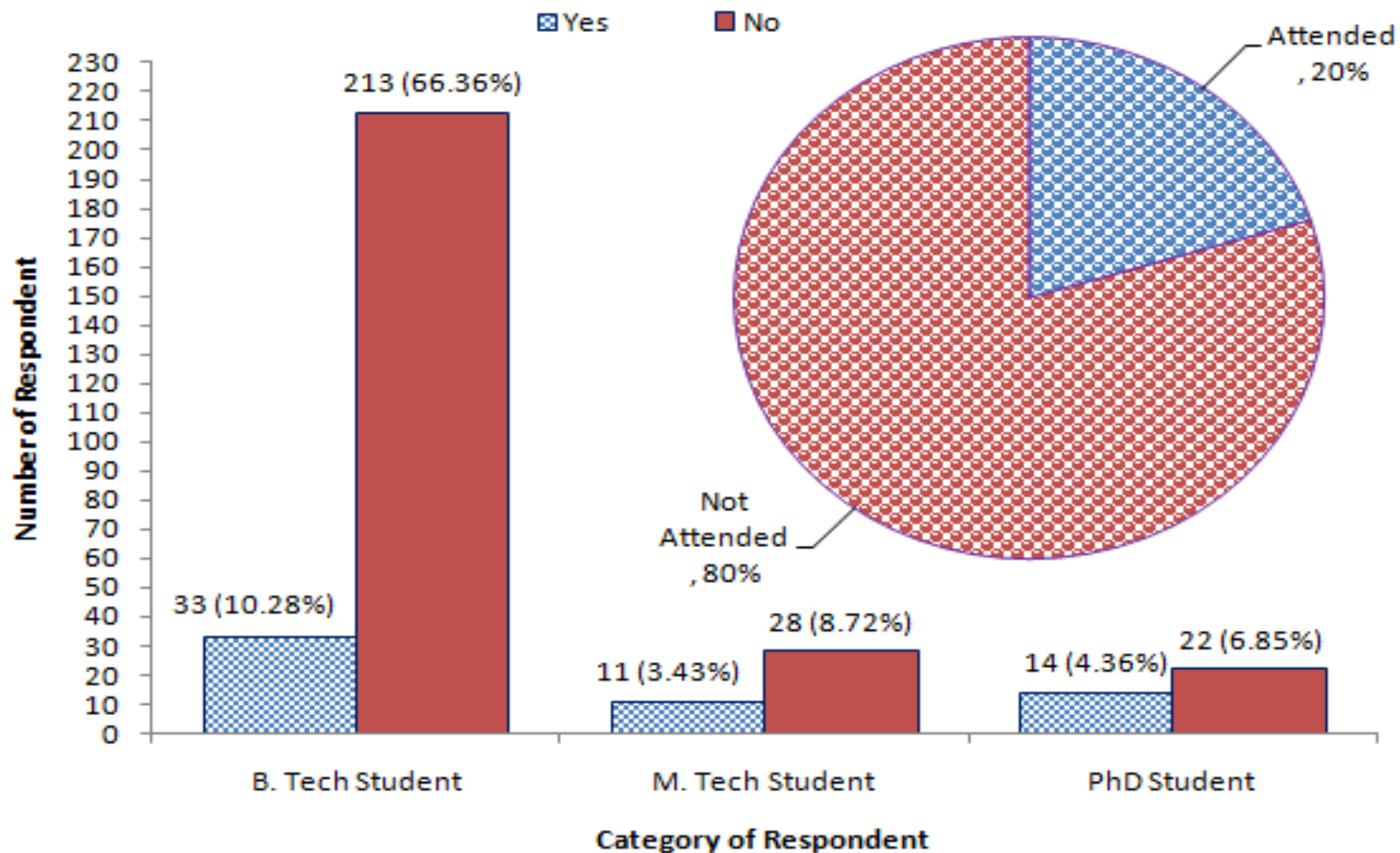


Category of Respondent	Number	%age
B. Tech Student	248	76.78
M. Tech Student	39	12.07
PhD Student	36	11.15
Total	323	100.00

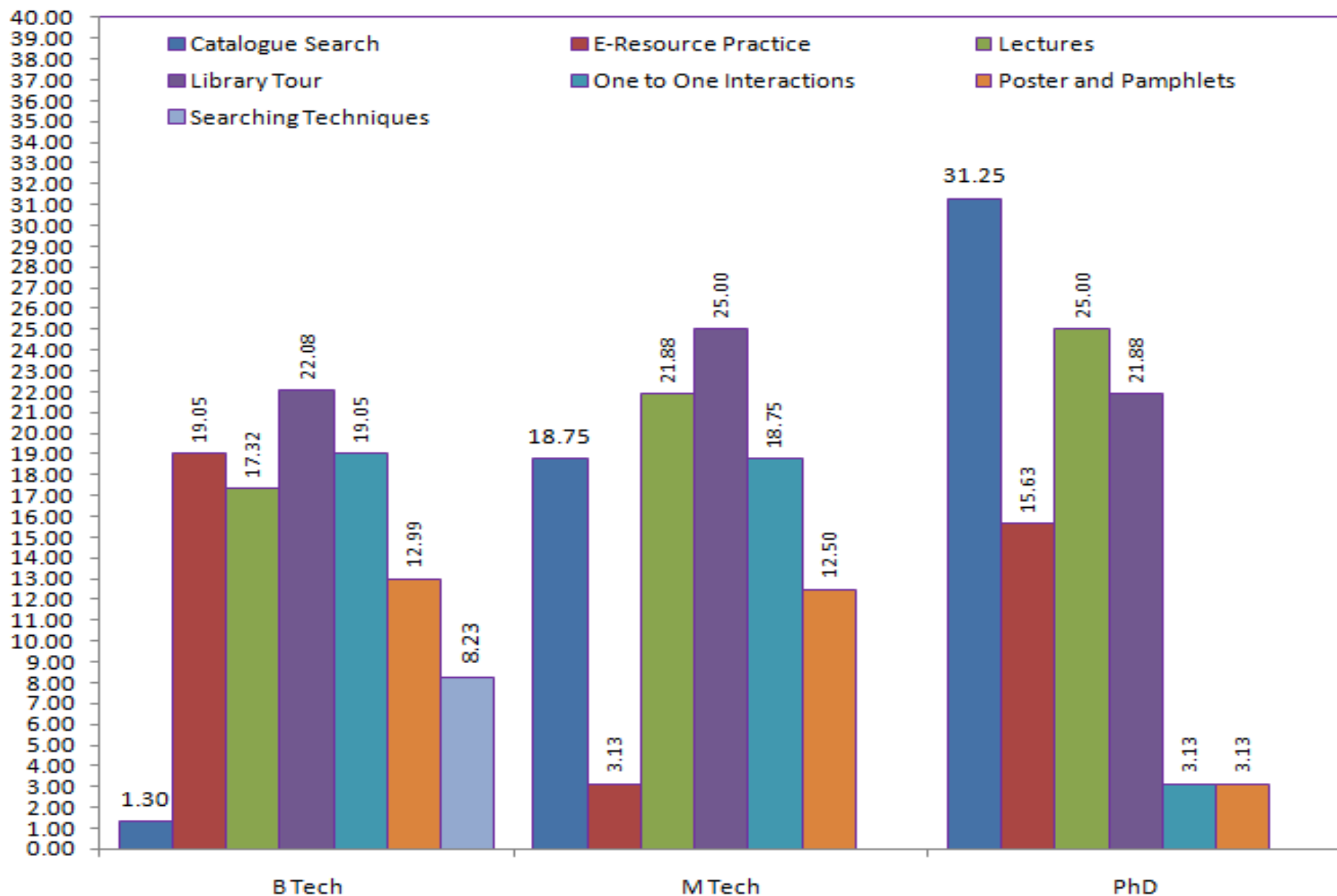
Case Study @ **JUIT** on Feasibility of Mobile Information Literacy



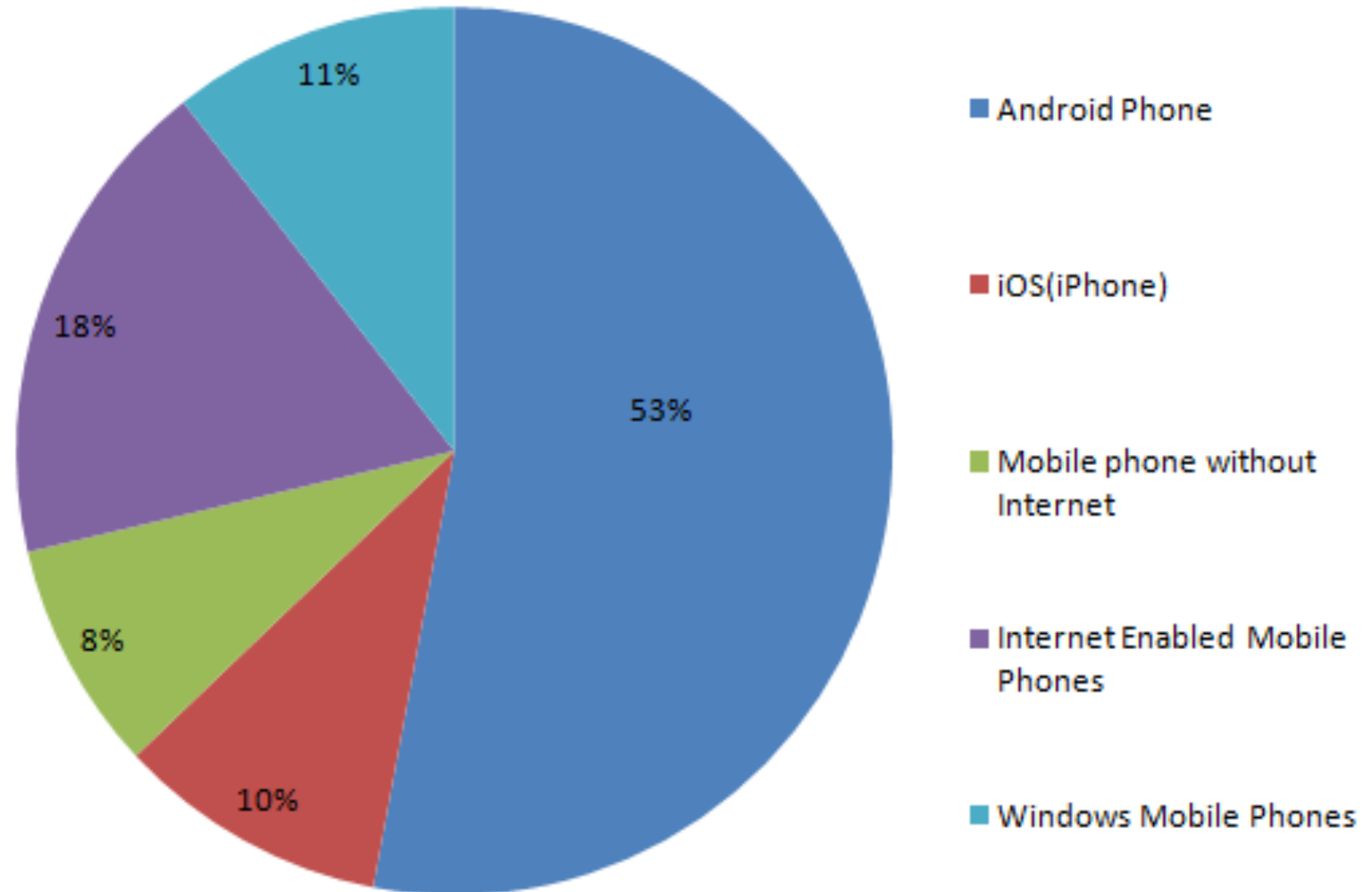
Attended Information Literacy Orientation Class



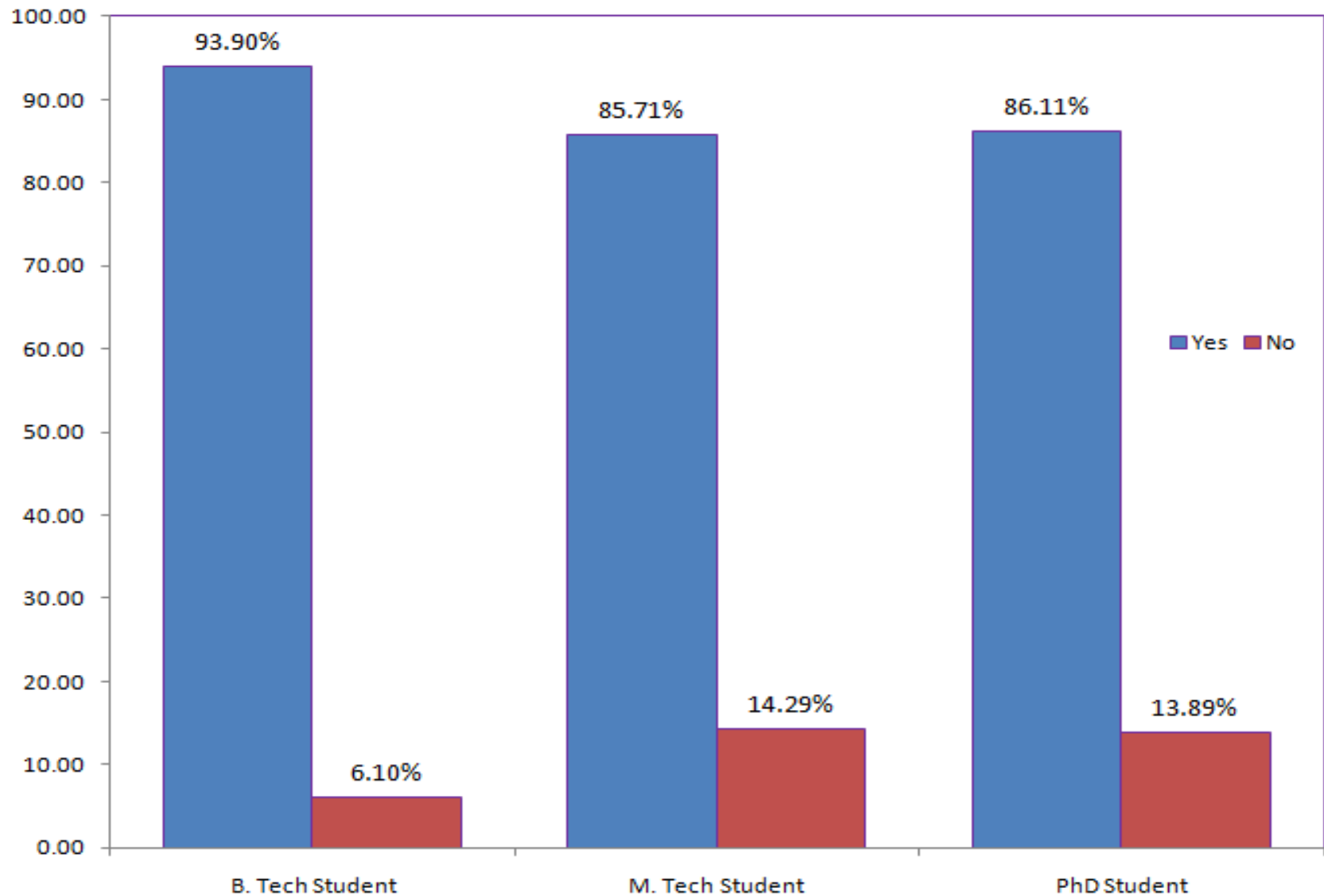
Information Literacy - Methods



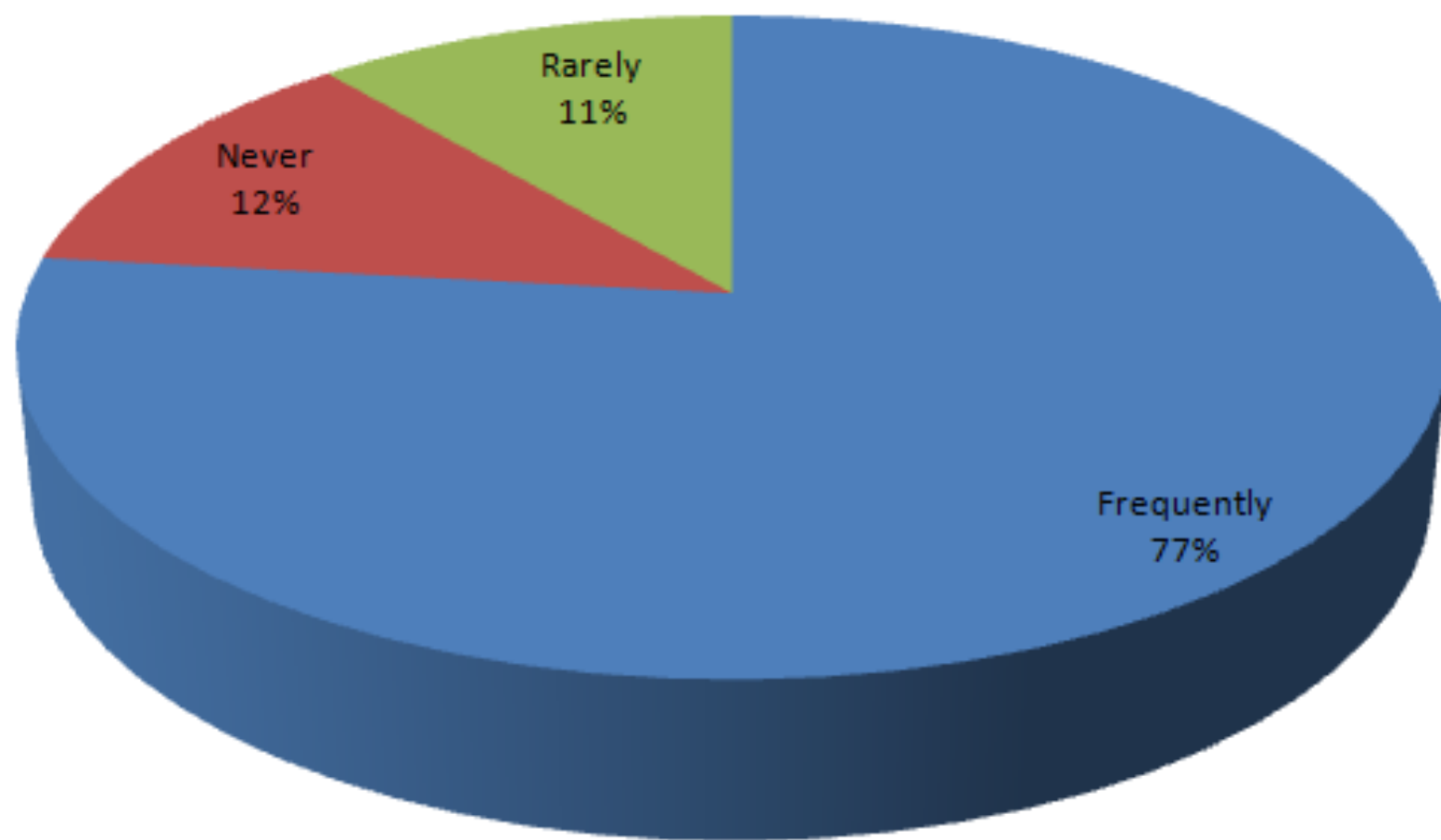
Owning a Mobile Phone?



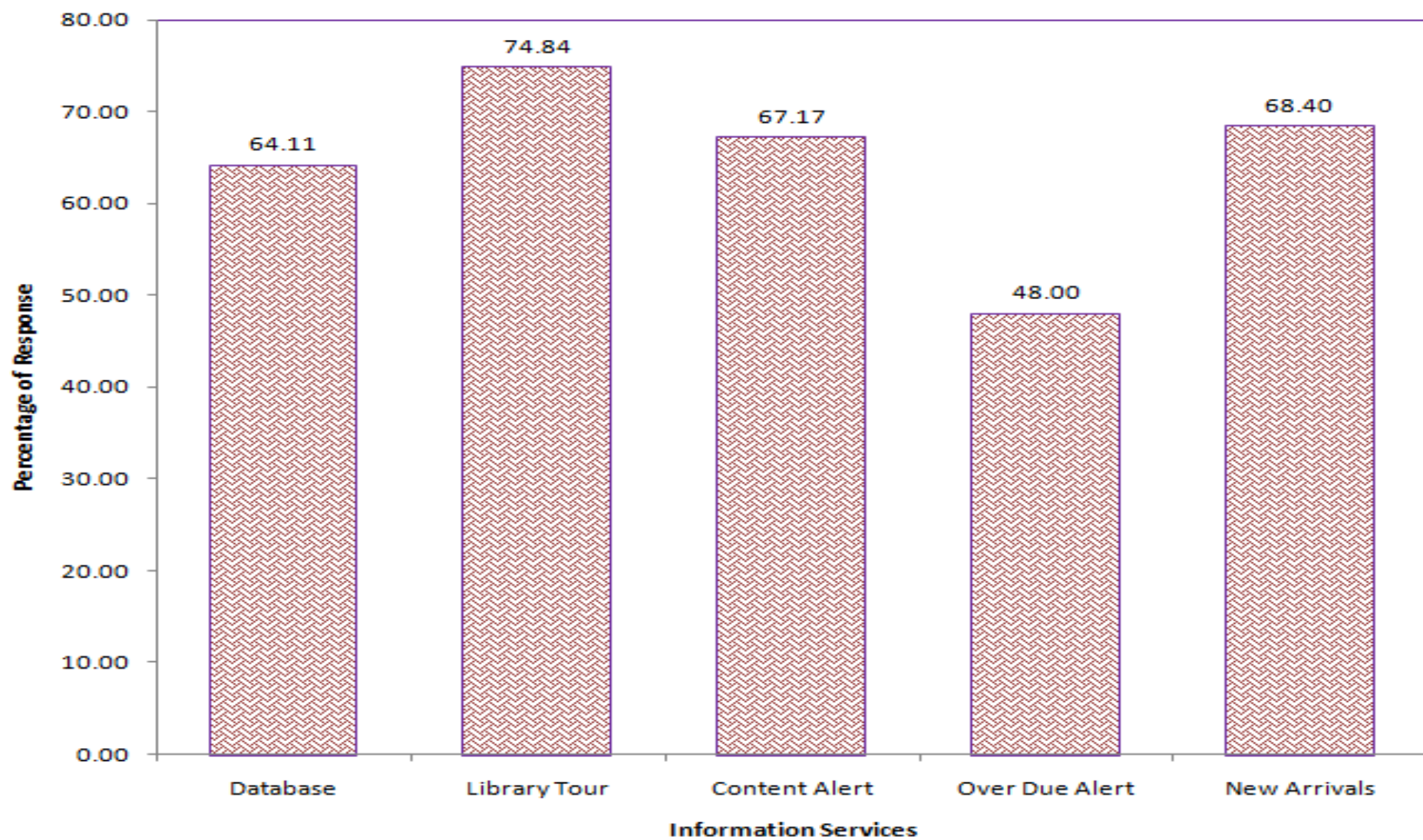
Information Needs in Online Mode



Access Internet through Mobile



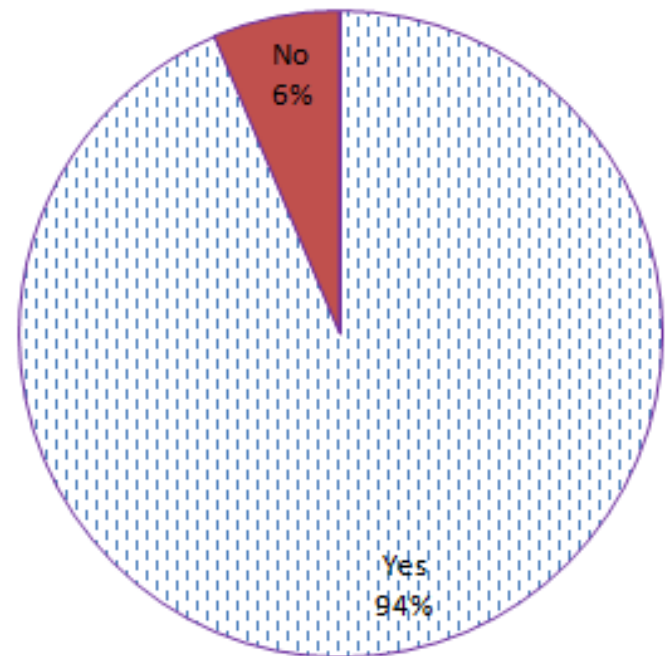
Intent of Information Services through Mobile



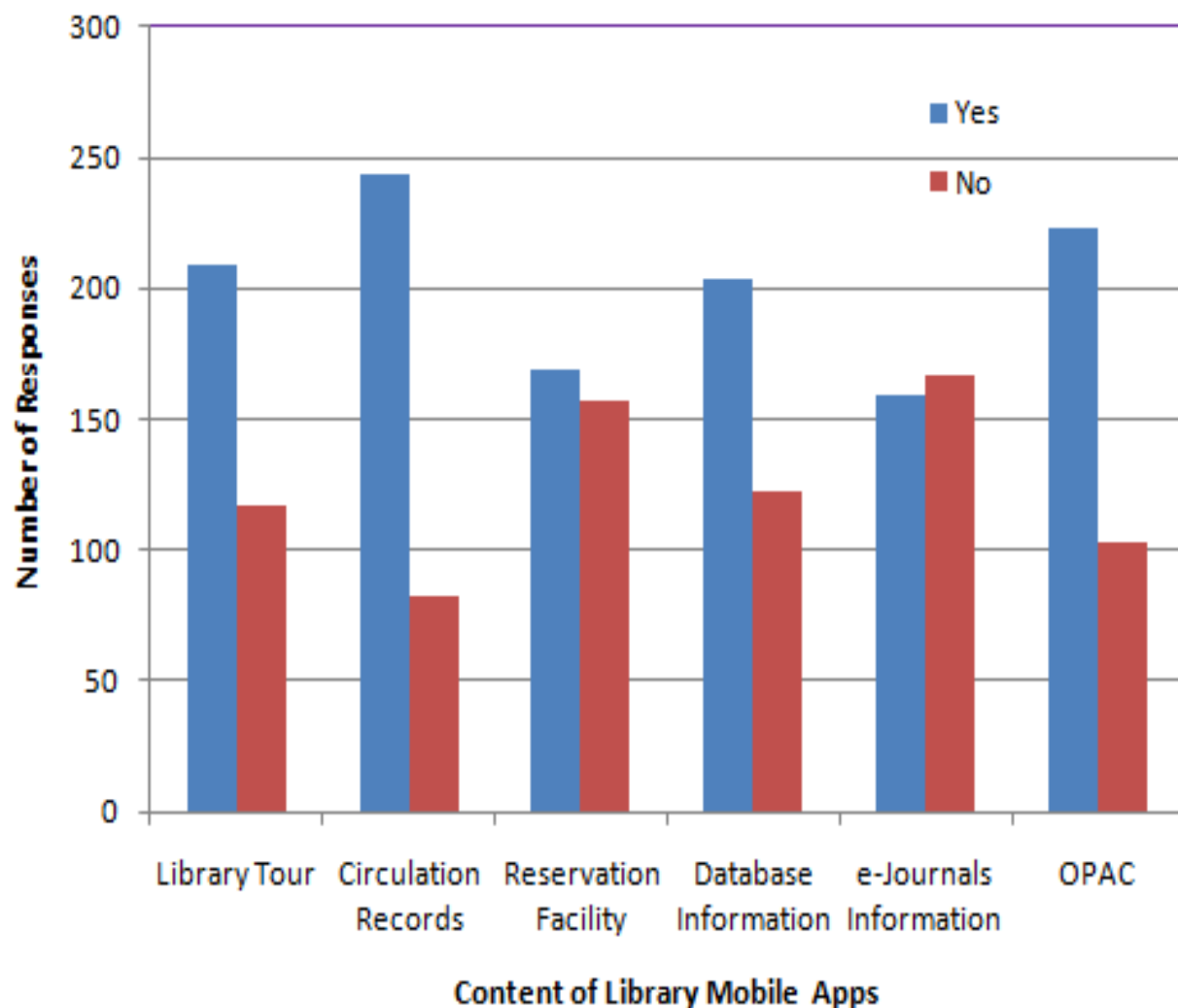
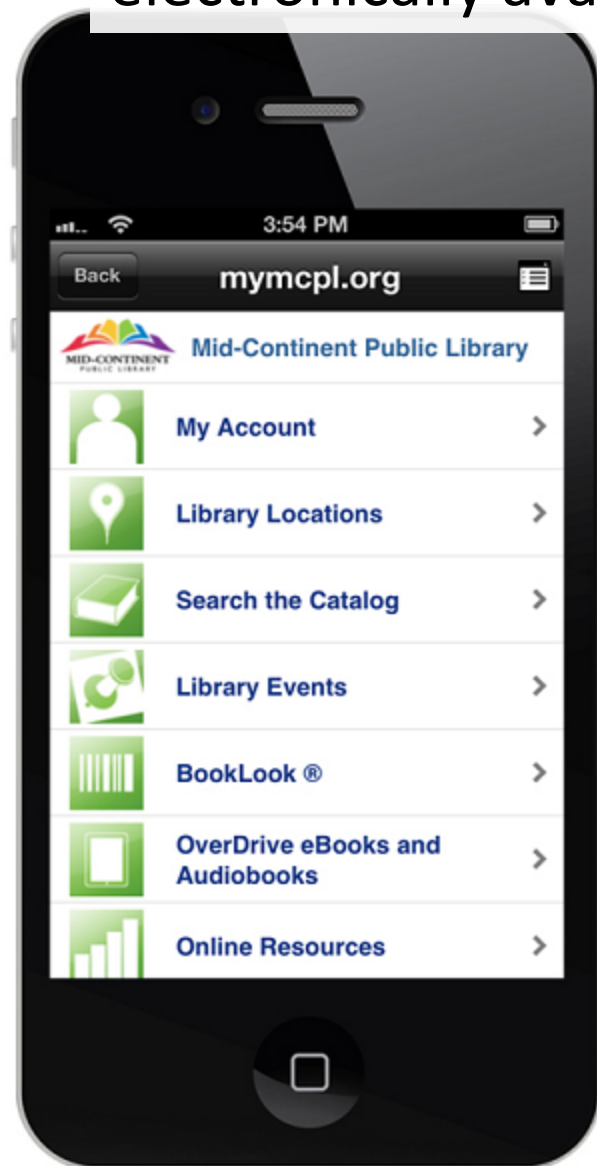


Librarians need to look for ways to insert themselves into mobile apps. This doesn't mean creating an app for the library, but instead using existing apps to reach out to patrons...

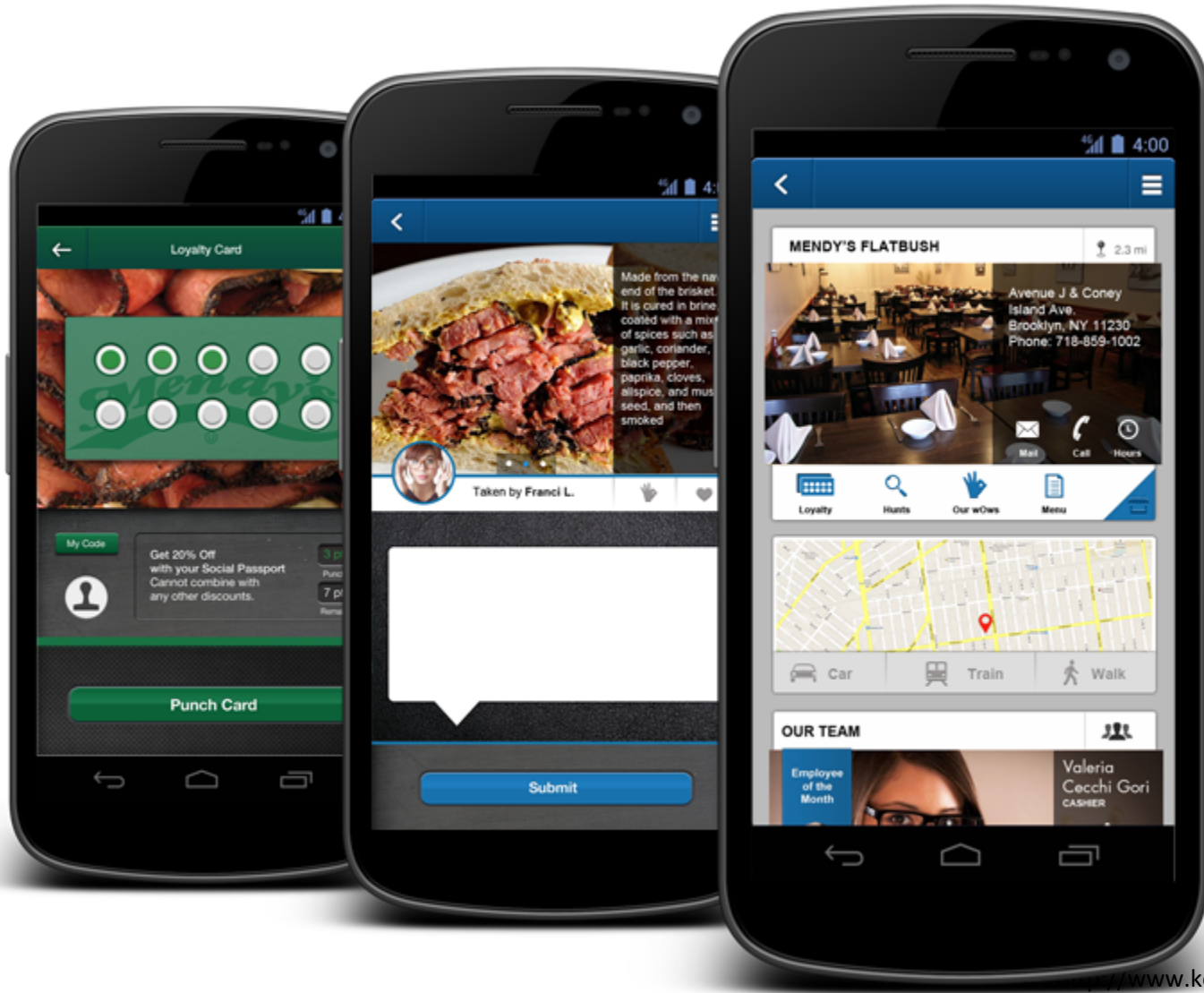
Library Should Have 'Mobile App'



...Another redefinition of librarians' roles involves looking for unique content from one's own library and making it electronically available. –Boon Tom, 2011



What does it mean to “If a library goes mobile”???



Library Services On Mobile Devices

- Library Account (Renewals)
- Library Chat Help (IM, SMS)
- Library News (RSS)
- Desktop/Laptop Availability
- Research Workshop
Schedule/Sign-up
- Floor Maps / Stacks Guide
- Automated Phone Renewals
- VPN/WIFI Configuration
- Reservation Status
- Mobile Subject Guides
- Campus Webcams
- Course Reserves
- Videos - vodcast (libcasts)
- Podcast
- Full Text Finders (Article
Finder)
- Send book location / call
number to phone
- DDS Alert

Mobile Information Seeking Behavior

- Users likely to have **more immediate and goal-directed intentions** relevant to their context
- Need to consider the **time factor**. Users typically less interested in lengthy documents/browsing
- **Cost** of data plans affect usage of data by users, as well as time of day of usage
- Users often only access information from mobile devices as a **last resort**.

Heimonen, T. (2009); Cummings, J., Merrill, A., & Borrelli, S. (2010); Kaikkonen, A. (2008); Lee, I., et al. (2005); W3C Mobile Best Practices (2008); Church, K., et al. (2007)

Future Proposal

- After this analysis
 - Designing a road map for implementation of Mobile Information Literacy Program and Services such as SMS gateway
 - Design of Mobile library website
 - Development of Mobile Library Apps

Thank You