



IX Eurasian Academic Libraries Conference “Alive to Changes: Engage. Embrace. Ensure”

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Just a Click Away: The Role of Available Mobile Technologies at NU Library

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Introduction

Libraries have a decent chance to broaden innovative library services to users. **With the assistance of emerging mobile technologies, libraries can now provide speedier access to services with just a click away.**



Introduction

Mobile technologies are electronic equipment such as mobile phones or small computers that you can use in different places, and the technology connected with them (Cambridge Dictionary, 2020).

Mobile library services have changed the way traditional libraries deliver their services. These mobile services have also changed the relationship between libraries and its clients as well as its privacy settings.

A shift from “d-learning” (distance learning) to “e-learning” and now from “e-learning” to “m-learning” has emerged and changed Indian education (Sharma & Sahoo, 2014).



Introduction

Libraries would use mobile technology in various service innovations such as m-learning, mobile instruction, webinars, reference services and catalog searching (Nagarkar, 2011).

Mobile technologies will be a great help in enhancing user interaction as users would be able to access a wide array of digital resources and library services in their fingertips. (Khumbar & Pawar, 2014).



Introduction

Nazarbayev University (NU) Library traces back its humble beginnings on 2010 as the informational arm of NU that supports the research, scholarly and informational needs of the academic community.





Available Mobile Technologies at NU Library

E-Readers (Prestigio and Jet book)

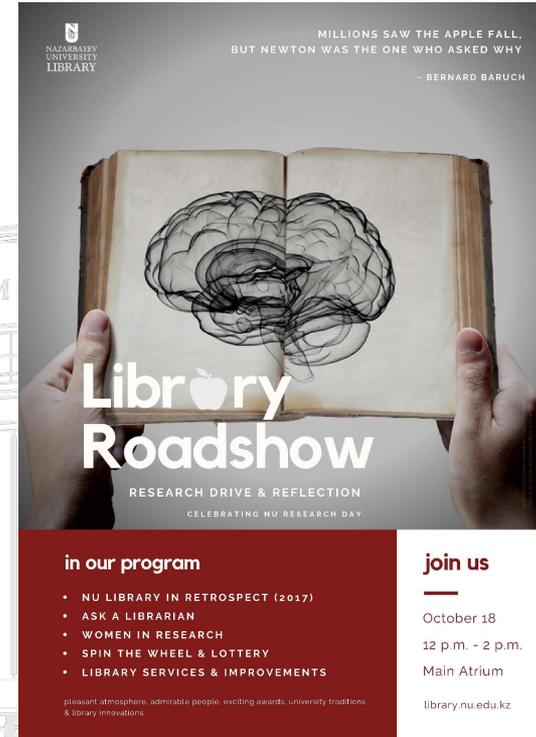
- are *devices* that can be borrowed by students for 2 weeks
- allows download of free e-books, films, audiobooks, music available online

OverDrive - *application* that allows clients to borrow digital ebooks, audiobooks, movies and shows from your library collection using smartphones, tablets, and other mobile devices.

The NU Library RoadShow

Dedicated to NU Research Day the Library Roadshow performed the showcase of services and resources that support the research activities at NU.

Started in 2011, the Library Road Show is an event that showcases the different technologies available in the library thru exhibits and interactive activities. Library users are encouraged to take part in this event by exploring these technologies and making use of them.



NAZARBAYEV UNIVERSITY LIBRARY

MILLIONS SAW THE APPLE FALL,
BUT NEWTON WAS THE ONE WHO ASKED WHY.
- BERNARD BARUCH

Library Roadshow

RESEARCH DRIVE & REFLECTION
CELEBRATING NU RESEARCH DAY

in our program

- NU LIBRARY IN RETROSPECT (2017)
- ASK A LIBRARIAN
- WOMEN IN RESEARCH
- SPIN THE WHEEL & LOTTERY
- LIBRARY SERVICES & IMPROVEMENTS

pleasant atmosphere, admirable people, exciting awards, university traditions & library innovations

join us

October 18
12 p.m. - 2 p.m.
Main Atrium
library.nu.edu.kz

The Library Road Show

- Number of researches and their performances;
- Most used databases, print books, board games;
- Top library patrons;
- NU theses & dissertations;
- Collections of print and e-resources;
- Ways and approaches on searching for research needs through the Ask-A-Librarian service;
- Take a look at featured e-readers; and
- Microform collection and equipment.





Objectives of the Study

This study aims to provide a **short review of the distinctive mobile technologies available at the NU Library.**

In addition, this study intends to **identify the benefits of these technologies as perceived by students during the Library Road Show 2018.**

Moreover, the study seeks to **determine possible ways to promote these mobile technologies to patrons to maximize its use.**

Methodology

The study employed a descriptive approach to present a review of the distinctive mobile technologies at Nazarbayev University Library.



Methodology

During the Road Show, librarians provide brief descriptions and demonstrations on the use of these technologies in their library and research experiences.

Events like the Library Road Show provides insights on the different mobile applications and services available in the library.



Image 1. Librarians assists students during the Library Roadshow 2018.

Methodology

Ten questions were asked to approximately random participants who got to visit the event and made use of the available mobile technologies at the library such as Prestigio and Jet Book.

Questionnaire

1. Do you know about the availability of e-readers in our library?
 - a. Yes
 - b. No
2. Do you know where you can borrow devices e-readers in our library?
 - a. Yes
 - b. No
3. How long you can borrow e-readers? How do you think?
 - a. For two weeks
 - b. For one month
4. Which devices of e-readers do you prefer to use?
 - a. Prestigio
 - b. Jet book
5. What other kind of e-readers would you offer to the library?
 - a. _____ (Kindle)
 - b. _____
6. Do you think that e-books are a good substitute for print books?
 - a. Yes
 - b. No
7. Do you expect the device to help you focus on the reading?
 - a. Yes
 - b. No
8. Do you want to read enhanced e-books?
 - a. Yes
 - b. No
9. Will the device be used by people in the future?
 - a. Yes
 - b. No
10. Why do you prefer e-reader?
 - a. _____ (compact)
 - b. _____ (enjoyable)

Methodology

В последние годы электронные книги стали конкурентами для традиционного способа распространения информации на бумаге

Главное меню состоит из 2 страниц (перемещение влево и вправо) и включает следующие

разделы: История браузера, Электронные книги, Музыка, Видео, Фото, Записи, Проводник, Радио, Настройки, Календарь, Поиск, Руководство пользователя, Блокнот, Калькулятор, Игры и

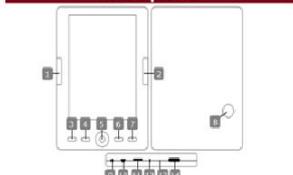
Выбор нового изображения. Нажмите на соответствующую иконку для входа в нужный Вам раздел



Examples of Handout:
1. Booklet
2. Bookmark



Начало работы



- 1 Превысила страница Перейти на предыдущую стр., свести громкость
- 2 Страница назад страница Перейти на следующую стр., увеличить громкость
- 3 Сторона Меню Войти в меню
- 4 Сторона Меню Уменьшить/увеличить изображение на экране
- 5 Навигационная панель Выбор опции
- 6 "OK", значок "OK", значок/использовать воспроизведения
- 7 Воспроизв. Пауза
- 8 Сторона Назад/Отмена Вернуться в предыдущее меню/Отмена
- 9 Экранная кнопка Воспроизведение звука
- 10 Пульт для аудиозвонка Подключение наушников
- 11 Пульт USB Подключение к порту USB на ПК
- 12 Звон для карт MicroSD Подключение карты MicroSD
- 13 Кнопка перезапуска Сбросить до заводских установок
- 14 Кнопка перезапуска Перезапуск устройства (не восстановление файловых данных)

История

На экране будут отображены ранее просмотренные файлы. С Навигационной панели выберите ярлык История и нажмите чтобы зайти в список ранее просмотренных файлов.



В списке файлов нажмите **OK**, чтобы открыть меню опций. Выберите "Удалить файл/Удалить все" и нажмите кнопку "OK", чтобы удалить одну или все книги из списка. Нажмите **OK** или Выход, чтобы отменить.

Валиция: Файлы, сохраненные на карте MicroSD не будут отображены в Истории при изменении карты MicroSD.

Главное меню: История

- С помощью Навигационной панели выберите нужные файлы, или воспользуйтесь кнопками перелистывания страниц, чтобы скроллить. Нажмите кнопку "OK", чтобы открыть файл или **OK**, чтобы получить режим.
- При выборе текста используйте кнопки перелистывания или Навигационную панель, чтобы перевернуть страницу **OK**, чтобы увеличить/уменьшить изображение. С помощью Навигационной панели выберите Размер шрифта (S, M, L и XL), нажав кнопку "OK" для подтверждения.
- Отмена выкл при одновременном воспроизведении музыки. Инструкции содержатся в разделе Музыка.



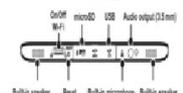
При выборе текста нажмите **OK**, чтобы зайти в меню опций. С помощью Навигационной панели выберите нужные файлы и нажмите кнопку "OK", чтобы сохранить настройки. Нажмите **OK** для отмены. В меню доступны следующие 10 функций:

Функция	Описание
Перейти на страницу	С помощью Навигационной панели выберите нужную страницу. Нажмите кнопку "OK" для подтверждения, или OK для отмены. Нажмите кнопку "OK", чтобы сохранить адрес страницы. Возможно одновременное сохранение 2 закладок.
Сохранить закладку	Выберите закладку и нажмите кнопку "OK", чтобы открыть ее.
Открыть закладку	Выберите нужную закладку и нажмите кнопку "OK", чтобы удалить ее. Закладка также будет удалена из меню Сохранить закладку и Открыть закладку.
Удалить закладку	Выберите Автоматически или Вручную и нажмите кнопку "OK" для подтверждения.
Режим перелистывания	Выберите нужную закладку и нажмите кнопку "OK", чтобы установить, на сколько (10 секунд, 15 секунд, 20 секунд, 25 секунд и 30 секунд) в Автоматическом режиме.
Автоматическое перелистывание страниц	Выберите нужную опцию и нажмите кнопку "OK", чтобы настроить яркость.
Яркость	С помощью кнопки "OK" на Навигационной панели настройте громкость.
Громкость	Выберите нужную опцию и нажмите кнопку "OK", чтобы выбрать цвет шрифта.
Цвет шрифта	

ECTACO® JetBook® COLOR



Bottom Panel



DISPLAY AND MAIN MENU

ECTACO® JetBook® COLOR features a touch screen with a window-style graphical interface. The Main Menu consists of icons, which usually require access to the ECTACO® JetBook® COLOR applications.

- To display the Main Menu, turn the device on, and/or exit the currently running application. Use the **OK** key for the purpose.
- The Main Menu includes an instruction book. The contents of the Main Menu depend on product model.
- Use the **My Library** section to access ebooks.
- Use the **Recent Readings** section to see a list of recent ebooks and documents.
- Use the **Courseware and Homework** section to access the Learn English First and Easy and Learn 2nd American courses for Russian-speaking students. The Device Personalization application is also included in this section.
- Use the **Reading Support** section to access Dictionary (English or bilingual), Talking Dictionary (bilingual), SAT Preparation Course, Test Preparation, Irregular Verbs, Idioms, and Grammar.
- Use the **Language and Games** section to access Phrase/Idiom/Language Teacher™, iLearn™, Audio Preparation™, Pictorial Dictionary, Universal Translator, Vocabulary Builder, Linguist, Crossword, Linguist/Photo/Flashcards, Phonics, Translation Test, Spell-A-Right, Sudoku, and Learning Dictionary.
- Use the **Science and Math** section to access Grammar/Calculator, Scientific Calculator, Accounting/Calculator, Geography References, Math References, Chemistry References, Periodic Table, Physics References, Metric Conversion, Earth Science, Biology, Marine Biology, and Space/AR.
- Use the **Audio Books and Music** section to access music and other audio files.
- Use the **Settings** section to personalize the device settings. Navigation is performed by using the keys situated to the left and right under the screen, or by touch.

READING BOOKS

- Turn the device on and/or exit when the Main Menu is loaded. The device also will the Main Menu is not displayed, use the **OK** key to return to the Main Menu.
- Select the **My Library** section. If the book list is too long to fit on the screen, use the keys on the sides to Page up or down. Page up or down using the keys is performed by tapping a small arrow (triangle) above or below the list.
- To open a book, tap the respective book on the screen.

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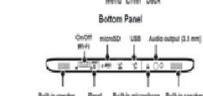
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ECTACO® JetBook® COLOR



Bottom Panel





Findings

Review of the Mobile Technologies Available at the NU Library

OverDrive is an online platform that provides the best reading experience for downloading e-books. Since 2017, NU Library uses Overdrive which allows users to download 15 books at a time for 21 days. There are no renewals however, but users will need to check the books out again once it has expired. It has quite a separate borrowing system as compared to borrowing print materials or other platforms such as EBSCO and Proquest.

Findings

On the Awareness on the Availability of the Service

Few students use e-readers from the library with 3.2 percent while 7.4 percent indicating the daily use of their own e-book readers.

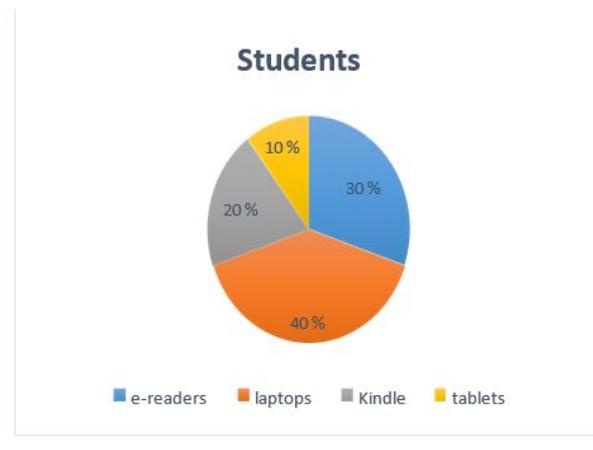


Figure 1. The number of students who were aware of the availability of the service in the library

Findings

On the Use of Mobile Technologies

2017 got the highest users with 260 users while 2018 got the lowest number of users with 144 borrowers.

Number of user's of e-readers from 2015-2019

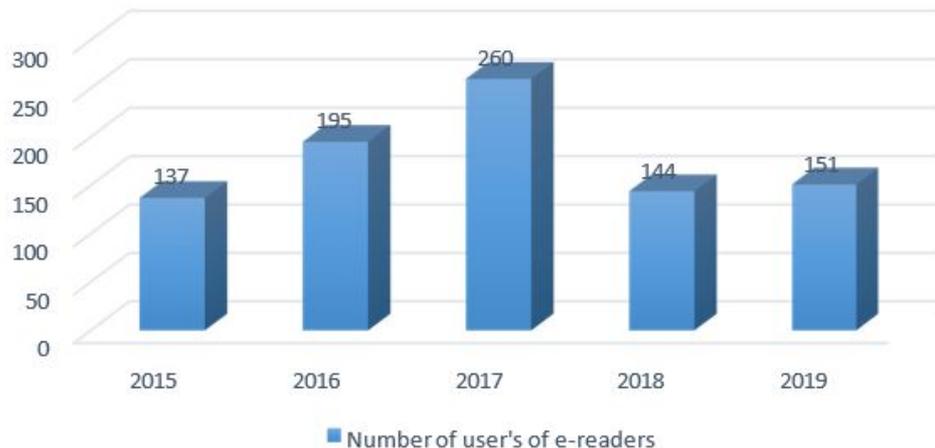


Figure 2: The number of users of e-readers



Figure 3: Number of students and their perceived borrowing duration

Findings

Responses show that 69.3 % of our students use an e-reader for two weeks while 21 % of students use the devices for almost a month.

Findings

The need for acquisition of skills on the use of mobile technologies raised awareness for the library staff. Libraries are putting their best foot forward in promoting their services through mobile devices. Creating tailor-fit library services to various clients is indeed a challenging task but nonetheless, an opportunity to improve library service (Kumbhar & Pawar, 2014).





Conclusion

Mobile technology has become boon to the libraries (Azino & Okechukwu, 2019).

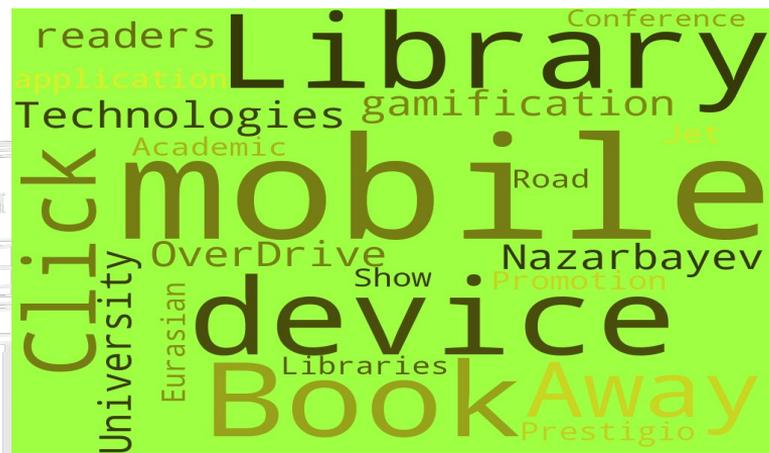
The application of mobile technology in library services is very much needed.

Based on the study, there were a number of mobile technologies available for use for the library patrons such as Overdrive and Prestigio among others.



Conclusion

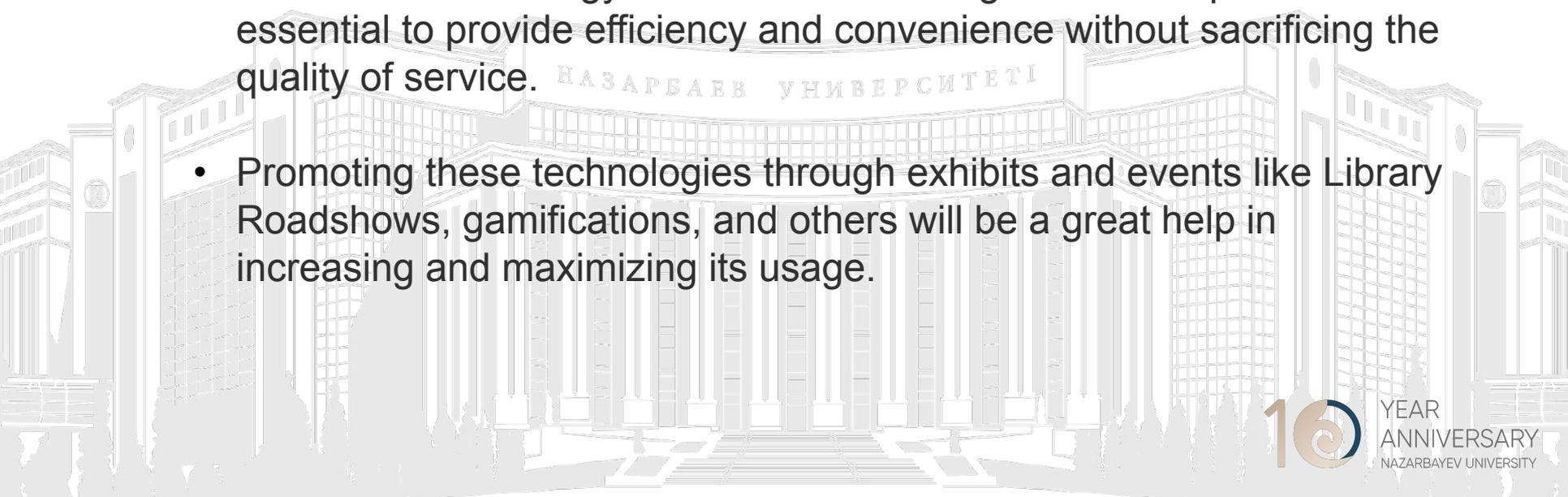
- Promotion of libraries should also be considered.
- For this purpose, the use of technology is very essential.
- With the emergence of technology, libraries can make use of various tools and techniques to disseminate information.





Conclusion

- The use of technology as a tool in delivering services to patrons is essential to provide efficiency and convenience without sacrificing the quality of service.
- Promoting these technologies through exhibits and events like Library Roadshows, gamifications, and others will be a great help in increasing and maximizing its usage.



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THANK YOU FOR LISTENING!

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