

ENKARE NAIROBI ONLINE LIBRARY

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Introduction

“We are just like books we literary let you travel without moving your feet”

PROBLEM

Have you ever been late that the library opening hours passes you? What is your greatest fear as you walk into that door? **"is there any seat left"**. We have **always** been struggling on which Library to go to once the opening hours have passed. In the afternoon we spend a lot of time and money only to find the places full to capacity. With Covid 19 protocols set on social distancing it became even worse. When we visit new counties to us in Kenya we rarely go to the library because of lack of this information. Some of our library facilities do not get utilized by the members of public to full capacity because of lack of this information. Some Libraries will never be full due to this fear. We also lose a lot of money in the Library facilities and users in many ways because of lack of this information. The only counting system that exist if to help the libraries facilities with information. This if for helping the public get information

SOLUTION

Enkare Nairobi online library was born to help customers outside the library facilities. It helps solving the gap by informing the customers on capacity of the libraries (Real-time). The platform is and information site which also includes an APP. It's a DSS(Decision making support system) that helps members of the public know and also change their mind on which library to visit or not to. It brings library services closer to the public.

Other solutions in place

There are no other solutions that exists to solve this problem

Overview

We have always considered customers only when they step in to our library doors. We have never built relationship with them even when they are outside our facilities. With few libraries to sustain the growing population that needs studying and doing their research. Our Libraries have always been labeled with the belief of being always **fully occupied**. This has led to less people using the library to it maximum potential. This has also led to negativity on our facilities when customers use their resources,(Time, Money) and do not get the chance to use the facilities.

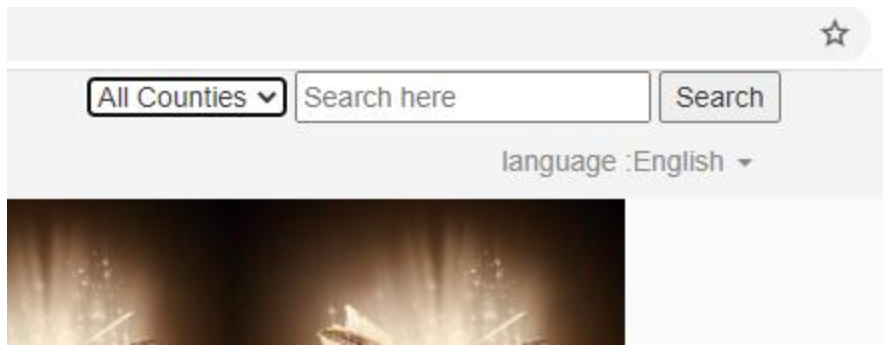
Our customers have never considered the library being a very reliable place because of this issue. Customers have always looked at the libraries as places to go and stay there for hours or full day. They have never considered our libraries as a place that they can visit for few minutes have a seat, check what they want to check then leave. Customers also do not know that there are various libraries which they can use to do their studies or research around them. According to a case study I have done, I found out that very few Kenyans have visited more than 2 libraries in a day. When they find a certain library full to capacity they do not have the motivation to visit another one. This is one big problem that will be solved

Details

Enkare Nairobi online Libraries consists of a web platform and an APP. It has Names, of the libraries in Kenya, directions, Pictures of the library and their contacts. It shows the maximum number of people a library can hold against the number that is currently inside the facility

The screenshot displays a web interface for 'PUBLIC LIBRARIES'. At the top, there is a navigation bar with a 'HOME' link. Below the navigation bar is a banner image featuring five open books with light rays emanating from them. The main heading 'PUBLIC LIBRARIES' is centered in a blue bar. Below this, there is a grid of four library listings, each with a photo, name, address, and a blue button indicating the maximum capacity.

Library Name	Address	Maximum Capacity
East Africa Herbarium	University way	maximum 45
Jomo Kenyatta Memorial	University of Nairobi	maximum 38
Kenya National Archives	City center	maximum 80
Kenya National Library Service(KNLS)	Upper hill	maximum 52



It uses people counters to count the number of people going in against the numbers going out. The counters that are based on cloud computing system, Mobile terminal and PC terminal work anytime. We can also use the different counting system depending on our preferences. Example. We can use Tags that customers can get at our front desks and this can be updated in the system as they go in and out. It will then reflect on the APP and website as well.

Structure

It is a simple easy to understand system that focuses on numbers. It consist of all counties public libraries. (We can add private if applicable) their total capacity against what they currently hold. It has a search button as shown above that helps you locate the library you want to visit. It is linked with Google maps to show you the directions as well.

Conclusion

We will bring our libraries closer to the public, more user friendly and we shall save the negative reputation that goes with our libraries facilities. We will increase traffic inside our facilities and also increase the revenue.

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