FINAL REPORT TEMPLATE FOR WEB TECHNOLOGY COUSRE

Event ticket sale project – Case of Final Year Project, Department of Computer and Software Engineering – SoICT, UR

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EVENT TICKET SELL ONLINE PROJECT

1.1 My project is all about online selling of tickets. My project is a web-based website which will be accessed online. It is primarily being developed to help people who attend events, and can also help event organizers to know number of tickets that were sold?

1.2 The problem of buying a ticket while far the place where tickets are being sold, and also organizers usually print many ticket so that tickets can be distributed so as to help people get easy access of tickets, but they is bad effects because this results in some people get tickets and when they come in the event find all seats are occupied and then they spend the events standing on there legs. This happened here at the University of Rwanda Huye campus on an event where event organizers gave some small number people to sell them, a ticket was 1500frw for people who buy them early before the date of the event and for those who buy ticket on the event day were supposed to pay 2000frw, but it didn't go as event organizers wanted because those who were selling tickets continued sell tickets at 1500frw since there was no way to know someone bought it before the deadline.

1.3

My project objectives are sell tickets online so that anyone can who wants a ticket will go on my website and buy their event tickets and i will make sure that tickets sold are equal to number of people the location or event place is able to accommodate.

1.4

My event ticket sell online project came as a solution to a challenge that people who wanted to buy tickets but far from the place where tickets were sold , or some could have bought tickets but unfortunately they couldn't get a seat because many tickets where printed more that number of seats available at the event location, and also the event organizers could be cheated and find that some tickets have gone missing and this would be a loss to them. My website will solve this problem very well. because it will be giving a ticket to those clients who only paid and also for the problem of seats, while the administrator will be entering event details in an event form, they will have to enter a number of seats so that when selling out tickets they shouldn't exceed the number of seats in the place and if they may exceed the client should know before time that seats are over even if they have bought one. to solve the problem of organizers who would get less revenue while many people attended the event, they will consult the administer to show the number of tickets bought and then multiple to get revenue generated.

2. Methodologies and Methods

2.1 Data collection methodology

As i was going to buy at ticket on the event date i was being to different amount some told me 2000 and others 1500 so i bought one for 1500 but later i found it as a problem since for an event shouldn't have more than one ticket prices.

2.2 Tools to be used

2.2.1 Software tools required

I will need an API from MTN that will help make payments online.

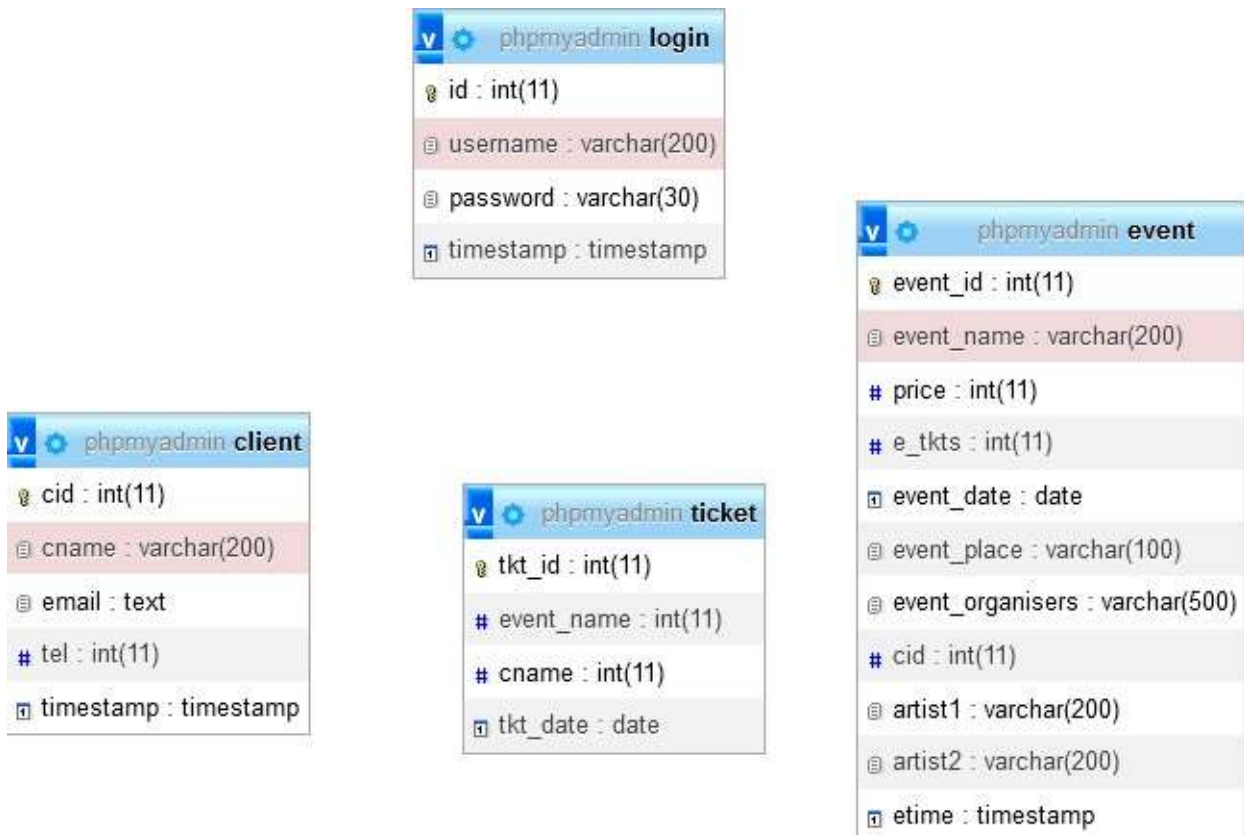I will vs code software to write HTML, CSS, and PHP

3. System Analysis and design

3.1 Requirement Specifications

3.1.1 Functional requirements

So far the Administrator is the only one who will be verified when he is going to login. The user (client) who want to buy tickets no need for them to sign in.

3.1.2 Data Requirements

TICKETS_ONLINE ER DIAGRAM

phpmyadmin **login**
- id : int(11)
- username : varchar(200)
- password : varchar(30)
- timestamp : timestamp

phpmyadmin **event**
- event_id : int(11)
- event_name : varchar(200)
- # price : int(11)
- # e_tkts : int(11)
- event_date : date
- event_place : varchar(100)
- event_organisers : varchar(500)
- # cid : int(11)
- artist1 : varchar(200)
- artist2 : varchar(200)
- etime : timestamp

phpmyadmin **client**
- cid : int(11)
- cname : varchar(200)
- email : text
- # tel : int(11)
- timestamp : timestamp

phpmyadmin **ticket**
- tkt_id : int(11)
- # event_name : int(11)
- # cname : int(11)
- tkt_date : date

3.1.3 User Requirements

Main actors are Admin, and customers.

3.1.4 Security Requirements

I will have an integrated system which will scan QR code to verify if it original ticket to prevent forgery.

3.1.5 Non-functional Requirements

My website is build in design languages which are compatible with almost a very browser.

This website is very fast and it can be used by many people at the same time.

It can also be accessed using a phone, computer and other electronic devices that can access the internet.

3.2 SYSTEM DESIGN

3.2.1 System overall architecture

HOME	EVENTS	LOGIN

HOME	EVENTS	CREATE EVENT	LOGOUT
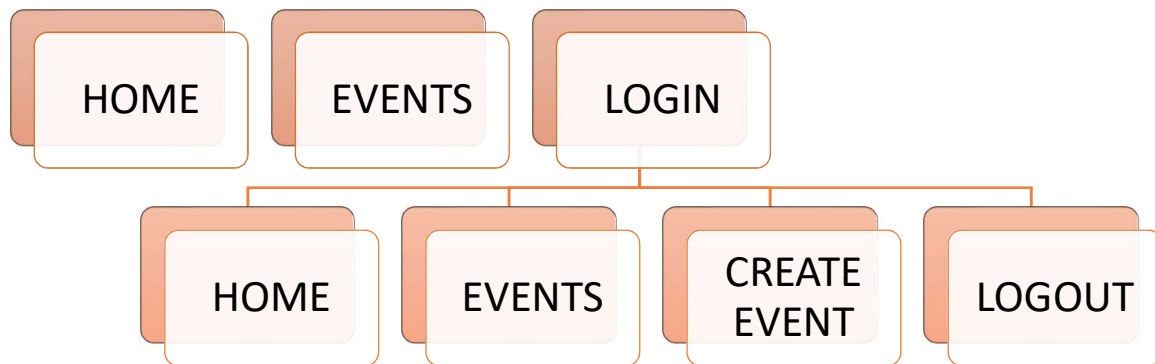
3.2.2 System information flow
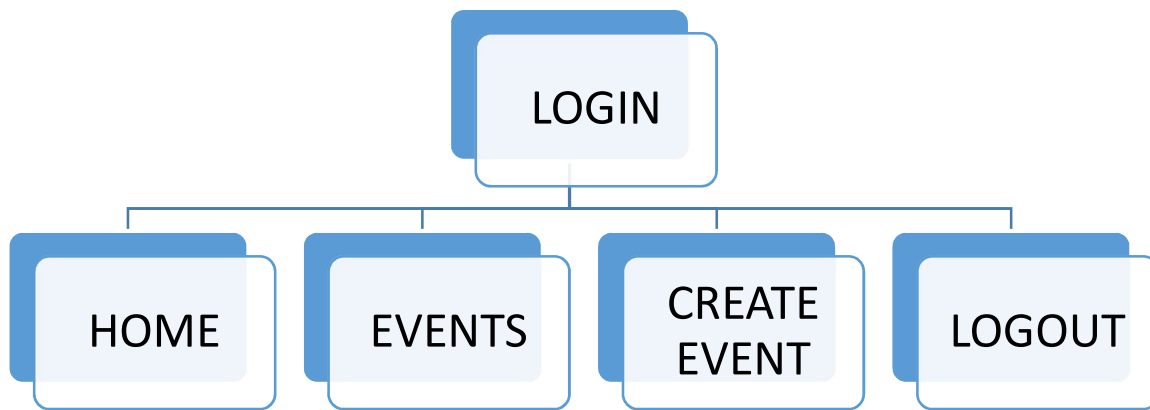
4. System Implementation

4.1 Landing page

HOME

This is the first page that a user sees after going on my website. They see events available, where they see the event dates, location, organizers and a button which they place to link them where they can be able to buy a ticket.

MAIN AUDI CONCERT WITH KENNY SOL

Info: Access to Kenny Sol's concert and performances with DJ Phil Peter and live band

Time: 2022-07-02

Location: Main Auditorium

Organised by: REMA

GET TICKET

MOCA-Imbuga City Zone with La Fouine (even-details/41/show)

Info: Powered by WAKWANDA BOUTIQUE: FASHION SHOW WITH GILLES TOURE from Cote d'Ivoire, GRACE WALACE FROM Benin, DAVID TLALE FROM South Africa, SIMONE&ELISE from Cote d'Ivoire, TWINKLE by ASTY from Rwanda

Time: 2022-07-02 - 2022-07-02

Location: HOTEL des Mille Collines

Organised by: Africa in Colors

GET TICKET

Dj Toxxyk concert (event-details/42/show)

Info: Dj Toxxyk concert event

Time: 2022-06-30 - 2022-06-30

Location: Radisson Blue

Organised by: Africa in Colors

GET TICKET

MOCA-Imbuga City Zone with The Ben

Info: Access to THE BEN's concert

Time: 2022-08-06

Location: CANAL OREMPIA

Organised by: EAST AFRICAN PROMOTERS

GET TICKET

About (about-us) | Contact (contact-us) | Terms and condition (terms-condition)

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EVENTS LINK

Caption Text

If someone clicks on the "EVENTS" link they see the above and from this page the user can also click on the link "GET- TICKET" to link the to a page that will help them buy a tickets.

GET TICKET

Forexample the above page comes after clicking on the event of KENNY SOL. It contains title of the EVENT, price and a space to enter number of tickets to buy, and there is also a form to register name, email and Phone number so as that information given will be written on the ticket and use phone or email to send a message of the ticket bought.
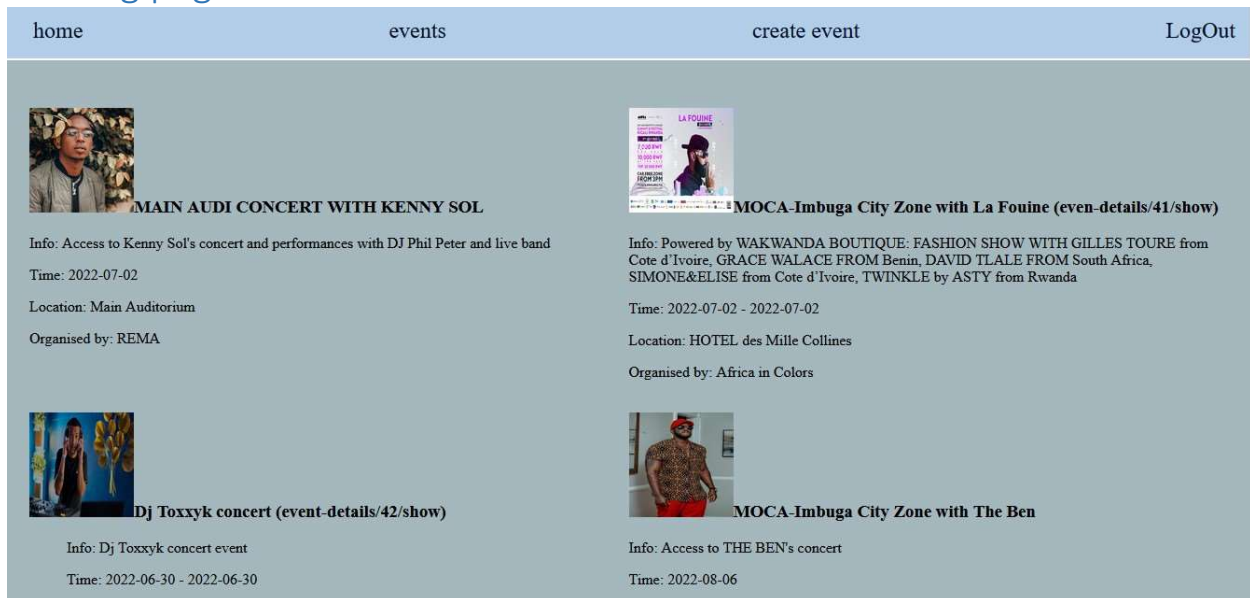
LOGIN

The above is the page that comes when they click on the "login" link where administrator will enter his credentials and be able to enter.

Landing page after LOGIN

Here is the admin first page where he/she will see the events but they can't buy a ticket from here because there is no link. As you can see on the navigation bar they include are "CREATE EVENT " link this will be used by the administrator so as to create new event. Below is the create event form.

CREATE EVENT

Here the administrator will enter the event details like EVENT NAME, PRICE OF THE TICKETS, NUMBER OF TICKETS TO BE SOLD, THE EVENTS DATES, EVENT LOCATION, EVENT ORGANISERS AND THE ARTISTS WHO ARE GOING TO PERFORM IN THE EVENT.

And after if they are done from using the administrator account they can use the LogOut to be logged out of the page.

5. Conclusion

Event tickets sell project is a good which is going to be help full even on the government side since it is emphasizing citizens not used money at hand because we are in the cash less technology, also the use of updates security measure link "QR CODE" which will prevent duplicate tickets. This is ticketing system can be used by every one where ever they can be.

So far this project it has reached 85% of it's implementation.

6. Recommendation

- The project that I am working has to taught many different thing like team work, how to make research and is helping me very much. This project improved my HTML, CSS, JAVASCRIPT and PHP knowledge and skills. This is my first website I am building. So at the completion of this project will have learnt many things.

What do you recommend to:

1. Project beneficiaries: Is strongly recommend event organizers to use this project because it's

secure, efficient, easy to use and help them to collect data easily.

7. Appendix

[1MuhireDavid/event-ticket-sale](#)