**TOPIC: ONLINE FOREX BUREAUX MANAGEMENT SYSTEM**

**CHAPTER 1**

**GENERAL INTRODUCTION**

In the beginning of mankind, the human being used speech and body language. Now day, we also use technology to communicate. For making a better world of technology computerized system is the best way which is speed up the growth of technology in every sector. Computerized system becomes the key point of daily life, used in workplace, in institutions, in the business and other different fields.

The computerized system is critical to the success of every organization; whether it is profit or non-profit, public or private organization.

In our country main domains are turning from manual system to computerized system. In banking also there are the system which have been already computerized and effect have been produced many interest like achieve same task and help in daily activity but there are another categories which are still using manual system and the result becomes the poor quality of service.

One of them is a connection between forex bureau and National Bank of Rwanda who giving the report of exchange and managing the currency in Rwanda.

Rwanda Forex Bureau is web application that will help National Bank of Rwanda to managing and controlling the forex bureau in exchange rate also monitoring currency.

**BACKGROUND OF THE STUDY**

The National Bank of Rwanda is mandated to manage foreign currency. It is through this mandate that the National Bank of Rwanda is in charge of regulating and supervising Forex Bureaus to ensure that their complying with laws and regulatory requirements.

The primary activity of Forex Bureaus business is the buying and selling foreign currencies. It is in this context that no individual or a company is authorized to transact in foreign currencies unless it is licensed by National Bank of Rwanda.

Any people who sells or exchanges the national or foreign currency illegally commit a crime and is sentenced in accordance with the penal code provisions.

**STATEMENT OF THE PROBLEM**

As our case study in “NATIONAL BANK OF RWANDA” they are using manual system to reporting and managing forex bureau they don’t have same application help them to get report

This may cause many obstacles for both sides (BNR and Forex bureau) like lack of information which is not good in monitor currency

Manual systems put pressure on people to correct all detail of their work at time. With manual system the way of getting information and report of exchange.

This may discourage same activity of exchange and monitoring currency in BNR which National Bank of Rwanda is needed to control.

**Motivation**

The reasons why I was interested of doing this system are listed in tree majors:

• **To UOK**: This work will be a reference for other students in order to guide them especially for those who will need to improve this work or those who will have related topics .

• **To BNR:** This work will help national bank of Rwanda to control the currency exchange of their clients. It will also help them evaluate services based on customers’ requests by indicating the total number of all request for exchange. The reduced time for managing requests will be a benefit offered by the solution.

• **To I**: This work will help put theoretical concepts into practice. It will also in the evaluation of overall knowledge that I got in University of Kigali.

## Project scope

This project is based on managing all Forex Bureau located in Rwanda. It will be collecting the data handling easier. It shall also help collector or managers of The System to be able and access all information about the currency in a timely period .

**Time scope**

Online Forex Bureau Management System Security is wide task and needs a lot of effort to be accomplished. According to the features to be implemented, time for it to be completed is 2 months, From April 2021 to June 2021.

### **Geographical scope**

This project shall be used by any Forex Bureau located in Rwanda, in any province by having its own account on the system.

### **Content scope**

At every Forex Bureau in Rwanda there are many activities that can be computerized to any currency which is in the System , those currency that are in the system are generated to the global exchange late that’s why I try to minimize my project due to the budget and time constraints my project will focus to online forex bureau management System .

## The interest of the project

The main interest of the project is to strengthen our skills to build our confidence in information technology professional and to prepare for a future profession career. The interest of this project is categorized into personal, institutional and community interests.

### **Personal interest**

Developing and implementing is the best opportunity to apply the knowledge acquired during last three years of study in the University. I gained the professional skills especially in project management and software development. This skill was helping me in future career. It will strengthen my capacity of solving the problems found in community and come up with strong solution.

### **Institutional interest**

Since recognition of how Rwanda is treated at global level due to its Economy, I have been eager to contribute my part to this whereby I believe that as IT student by implementing this type of project am capable of taking the community to another tremendous level that both locally and internationally recognized

Not to forget that by developing this system will help UOK learners in their research process this is because that what I am doing will be kept in the UOK library so whoever will read this shall gain more insights

**Public interest**

The public interest can help citizens to find the correct exchange late this will reduce waiting time, saves expenses and increases currency ’s collections on monthly basis. Also enables the easiest way to make calculations to find the currency exchange.

## Limitations of the project

To developing this system wanted to complete it quickly and go deeply as much as possible, but the following are limitations that I am facing while implementing. Lack of full access to the National Bank of Rwanda Systematic, full of Economic standard to the currency activities; this would help me to make something realistic not targeted to the academic affairs. Lack of enough information. We as Rwanda use to hide information this accuse while gathering information for stance asking somebody the way things are but they give no answer.

**OBJECTIVES**

The objectives of this work are listed into general objectives and specific objectives as follows:

**General objective**

Rwanda Forex Bureau is easy to use and will be design and developed their real conceivable benefits to the National Bank of Rwanda for achieving goals.

**Specific objectives**

It has the ability of allowing National Bank of Rwanda to get a report and forex bureau will help them to get information of currency like update new currency and exchange range.

**CHALLENGES**

The first challenge of this work is that to develop such kind of software system is not simple task; it requires enough experience and practice in order to satisfy the good services.

Also, to implement the software system requires enough time in order to avoid system errors and providing a good analysis.

**EXPECTED RESULTS**

At the end of this work will achieve the following result:

* Web based user interface which will help national bank of Rwanda to interact with the system such as, updating currency exchange, view reports on time, check history in a table etc.
* The forex bureau will provide different reports so that national bank of Rwanda can print that report and file them easily.
* Provide statistics reports in order to evaluate the currency exchange activities.

**ORGANIZATION OF THE WORK**

This work will have five chapters. First chapter describe a general introduction where we introduced the objectives of the work. The second chapter will focus on analysis of the existing system. Third chapter will focus on design of proposed system. The fourth chapter will focus on implementation and testing of new system. The fifth chapter is conclusion and recommendations.