

**RESEARCH PROJECT PROPOSAL**

**ONLINE WEB-BASED CRIME REPORTING AND MANAGEMENT**

**SYSTEM**

#### ADM NO :SC211/0709/2018

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**DEGREE PROGRAM : BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

**DECLARATION AND APPROVAL**

I Maluki Maluki Tony Ndereva, declare that this proposal is my original work and has not been presented or forwarded to any other additional party for any kind of award or any kind of qualification

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SIGNATURE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I confirm that this(my) proposal has been exclusively submitted to Lecturer DR. MARIGA, under the school of computing and IT in Murang’a University of Technology

**CHAPTER 1 : INTRODUCTION**

**1.1 Background to the study**

- In any ideal society ,personal hygiene and grooming is an essential commodity for all genders ,both male and female, and it plays a very important role in our society in terms of how we, the society, view each other according to how we present ourselves in our day to day life.

-Therefore due to this need in the society , saw an income making opportunity to deliver this grooming services to the rest of the society.

-Among these services is male and female facial and shaving services which the barbershops would offer these services to the relevant customers , stationed at the relevant barber shops.

- After these services have been offered, the customer pays for the services in form of cash

**1.2 Problem Statement**

- Getting these services however sometimes has been a problem to clients.

- When a client goes to get these services, he may encounter several other customers in line waiting for the same services .

-This leads to excessive time wastage at the queue for both the client and the barber. Also, this leads to loss of revenue for the barber since the client may get tired for waiting at the queue and decide to seek the service at other barbershop .

- Also, the customer is required to pay for the service via tangible money which is a risk factor for being robbed cash or generally the tangible money getting lost.

-Furthermore, the client may also visit the barbershop and find that the barber has already closed the shop or has not opened the shop on that day, this will just frustrate the client since he/she has traveled all the way just to not get the services he wanted and hence wasting time

**1.3 RESEARCH OBJECTIVES**

**1.3.1 General Objectives**

- To develop an barbershop ecommerce web-based application

**1.3.2 Specific Objectives**

1.to analyze existing web-based barbershop booking service softwares and check if any improvement can be implemented by my system

2. design and develop a front-end user interface whereby user-client will be able to book and schedule their shaving service. The interface will achieve friendly human computer interactivity

3.to design and develop a fully secured and functioning database management system using mySQL to store user’s personal details including the schedules , and payment methods and also develop the admin site for the barber.

4. design and develop an API for communication between front-end and back-end systems

**1.4 Justification**

The purpose of this project is to develop a barbershop booking web-based application that will transform the whole barbershop sector whereby clients will be able to browse ,book for the shaving services they need, schedule for the appropriate time for the service and ay for it online via the booking application.

-When the schedule time comes, the barber get all the necessary tools needed for the shave and visits the clients at his /her premises to deliver the service.

**1.5 Scope of the study**

- The system is an web-based barbershop booking application for use by clients needing shaving services.

- With the help of this system, the system will allow clients to visit the site, view the various shaving services offered by the barber, view the various barbers attendants available, book for a shaving session, schedule the date,time and place , and pay for it online using the modern payment methods eg,credit,debit cards, wire transfer, paypal merchants etc.

-A simple well designed interface will be in place making it easy for the customer to navigate through the site.

-A database will also be available to store all the customers confidential details such as payment methods, phone numbers, addresses,history of purchase of services .

-This database will also enable the admin to view the bookings made on a certain day or week .

CHAPTER TWO

LITERATURE REVIEW

2.1 Introduction