



**SCHOOL OF PURE AND APPLIED SCIENCES  
DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROJECT TITLE:  
EMPHIRICAL PHARMACY MANAGEMENT SYSTEM**

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## **CHAPTER ONE**

### **1.0 INTRODUCTION**

#### **1.1 BACKGROUND OF THE STUDY**

Online Pharmacy management system is the process of managing the medicine stock and selecting the suitable medicine to the illness that is mentioned by patient or customer by ordering online. Empirical pharmacy still uses manual system in managing and keeping its records. Systematic management in pharmacy stock is very important to improve the quality and standards of pharmacy. Traditionally most of the pharmacies used file system to store medicine, employee and client information. Management of pharmacy information using computer system helps to manage control and manipulate the records.

Nowadays, most pharmacy use computerized system to manage their records. This computerized system provides many benefits such as giving high security in managing data, faster in accessing data and data arrangement more effectively. Reduce cost of maintenance, provides the uses a quick response with very accurate information regarding the users etc. Any details or system in an accurate manner, as and when required. It also provides accuracy along with a pleasant interface. Make the present manual system more interactive, speedy and user friendly and ensure that the transaction reports of the system can be retried as and when required. Thus, there is no delay in the availability of any information, whatever needed, can be captured very quickly and easily.

#### **1.2 STATEMENT OF THE PROBLEM**

The manual system approaches involve a lot of paper work to keep all records information and activities in the pharmacy. This requires a lot of files to keep the data. When there are a lot of files, it is difficult for the employee or administration or even clients to search for data when needed. In proper data management causes difficulties for employee and administration to reach and manipulate the data required, therefore a computerized system is needed to overcome all these problems. This entailed the developing of a web based application that enabled the pharmacy to computerize their operations. The system sends an email and text messages to the client to remind them of their medicine delivery time. The system also allows client to cancel their ordering time within a period of two days from the day they were scheduled.