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**MATRIC NO: 15/MHS01/096**

**COURSE CODE: CSC 408**

**ASSIGNMENT**

**METHODOLOGY**

* This study will adopt literature search to extract the required information for the proposed system specification. The system requirement specification will be translated into a standard design using object-oriented analysis and design methodology.
* Then the system will be implemented using highly productive web-based programming/scripting languages(Python), and other tools such as UML tools, database management system, web server, etc.

Intrusion detection systems are software and hardware systems that automate the process of monitoring the events occurring in a computer system or network, analyzing the signs of security problems. As network detection systems have become a necessary addition to the security infrastructure of most organizations.

This study outlines the statement of the problem, aim and objectives, scope, methodology of an intrusion detection system with real-time attack notification and detection.

**LITERATURE REVIEWS**

* Real-Time Intrusion Detection Alert Correlation was proposed by Valeur, (2006).
* Intrusion Detection and Prevention Systems proposed by Rao and Nayak, (2014).
* And many others.

CHAPTER FIVE

CLOSEOUT

CHAPTER FOUR

EXECUTION

CHAPTER TWO AND THREE

PLANNING

CHAPTER ONE

AN INTRUSION DETECTION SYSTEM WITH REAL-TIME ATTACK NOTIFICATION AND DOCUMENTATION