

## ISE 211 IT Systems and Security Homework-1

### Explanations About the Homework

The homework will consist of four parts: introduction, main body, conclusion and references sections.

- a. The **introduction section** of the report should explain why the study was conducted.
- b. The **main body section** should have two main parts. In the **first part**, the **"Concept of Information Systems"** will be explained. This section will cover the following sub-sections within itself.
  - Definiton of Computer-Based Information Systems
  - Types of Computer-Based Information Systems
  - Importance of Information Systems on Daily Life and Business

In the **second part**, **"Big Data"** will be discussed in all its aspects. This section will include the following sub-sections.

- Definiton of Big Data
- Characteristics of Big Data
- Big Data Analytics
- Big Data Analytics Methods
- How and Where Big Data Analytics Used?

In the **conclusion section**, the important conclusions reached as a result of the study should be explained.

The last part is for the **references**. Here you will **list all references cited** for the study

The report of homework will be written in academic language. The sources used in the report will be cited in accordance with APA 6.0 standards.

**The deadline for submission of the reports to the MS Teams platform is December 15, 2024.**

Reports should be prepared using **Word (doc, docx)** or **PDF** formats.

**Homeworks submitted after the deadline will not be evaluated.**