

**Department of Information Technology**  
**Faculty of Social Sciences**  
**University of Kelaniya**  
**Assignment II (Group)**  
**Computer System & Operating Systems**

**Due Date: 2024/12/10**

Creating a Computer System & Operating Systems related magazine with a group of 10 members. Below is a suggested guideline to help structure the assignment, ensuring that each member contributes effectively:

**Group Assignment: Computer System & Operating Systems Related Magazine**

**Objective:**

Create a magazine on Computer System & Operating Systems related topics, showcasing the expertise and creativity of each member. Each member will write one article focusing on different aspects of Computer System & Operating Systems, contributing to a diverse and informative magazine.

**Guidelines for the Assignment:**

**1. Magazine Structure:**

- **Cover Page:** Design an engaging cover with the magazine title, main topics, and graphics.
- **Editorial Page:** Introduce the magazine and its purpose. Include credits for all group members.
- **Table of Contents:** List all articles and their page numbers.
- **Main Content:** Each group member contributes one article.
- **Conclusion/Final Thoughts:** Summarize key insights from the magazine.
- **Acknowledgements:** Thank contributors, sources, or supporters.
- **References:** Include citations for sources used in the articles.

**2. Article Requirements for Each Member:**

- **Length:** 500-600 words per article.
- **Topic:** Select a unique Computer System & Operating Systems related topic that hasn't been chosen by another member.
- **Format:**
  - Title: Catchy and relevant to the topic.
  - Introduction: Briefly introduce the topic and its importance.
  - Main Body: Provide detailed explanations, facts, examples, or case studies.
  - Conclusion: Summarize key points and suggest future implications or related trends.

- **Media:** Include at least one visual element (e.g., image, chart, or infographic) that supports the content.
3. **Suggested Topics: Example**
- **Definition and Importance of IT.**
  - **Computer Architecture and Data Representation**
  - **History and Evolution of Computers**
  - **Types of Computers and Their Uses**
  - **Understanding the System Unit: Motherboard and CPU**
  - **Computer Memory: Cache, RAM, and ROM**
  - **Input and Output Devices.**
  - **Introduction to Operating Systems**
  - **File System and Memory Management in Operating Systems**
  - **Managing a Computer: Assembling and Using Windows OS**
4. **Collaboration and Planning:**
- Appoint a project leader to manage progress and ensure clear communication among members.
  - Use collaboration tools (e.g., Google Docs, or Microsoft Teams) for efficient teamwork.
5. **Review and Editing:**
- Peer review: Members should review each other's articles for accuracy and readability.
6. **Design and Layout:**
- Select a magazine template or create one using tools like Canva or Microsoft Word.
  - Ensure a visually appealing layout with appropriate formatting, font selection, and spacing.
7. **Submission Requirements:**
- Submit the completed magazine as a PDF file.
8. **Evaluation Criteria:**
- **Content Quality (10 Marks):** Relevance, depth of research, and originality..
  - **Creativity (5 Marks):** Use of visual elements and overall design layout.
  - **Collaboration (2 Marks):** Evidence of teamwork and consistency across articles.
  - **Adherence to Guidelines (3 Marks):** Following the specified guidelines.
- **Total Marks (20)**