ASSIGNMENT GUIDELINE

Overview:

For this assignment, you are required to document an algorithm of your choice. Your documentation should include a comprehensive analysis and explanation of the algorithm, covering the following aspects: Introduction, Literature Review, Tools and Implementation Methods, Evaluation Methods, Results and Discussion, and Conclusion. The goal is to provide a detailed and thorough understanding of the algorithm, demonstrating your ability to research, implement, and evaluate complex computational methods.

Submission Requirements:

- **Group Details**: Include the names of all group members, student IDs, and contact information at the Cover Page.

- **Title Page**: Title of the Project, University Name, College and Department Name, and the Submission Date.

- **Table of Contents**: Clearly list all sections and sub-sections with corresponding page numbers.

Formatting Instructions:

- **Font**: Times New Roman

- **Font Size**: 12 (general text), 14 (titles)

- **Font Color**: Black

- **Line Spacing**: 1.5

- **Justification**: Full Justification

Sections to Include:

1. **Introduction**

   - Provide a brief introduction to your project topic.

- Explain the relevance and importance of the algorithm.

- Outline the objectives of your project.

2. **Literature Review**

- Conduct a detailed literature review related to your topic.

- Summarize previous research and developments concerning the algorithm.

- Discuss the theoretical background and related work in the field.

3. **Tools and Implementation Methods**

- List and describe the tools and software you have used.

- Explain the implementation methods and procedures.

- Provide any necessary code snippets or pseudocode to illustrate key points.

4. **Evaluation Methods**

- Describe the methods of evaluation you have used to analyze your model.

- Explain why you chose these methods.

- Provide details on the metrics and criteria for evaluation.

5. **Results and Discussion**

- Provide the results of your implementation.

- Include graphs, tables, and other visual aids to support your findings.

- Discuss the results in detail, interpreting what they mean in the context of your objectives.

6. **Conclusion**

- Provide a concise and clear conclusion about your topic.

- Summarize the main findings and their implications.

- Suggest potential future work or improvements.

GROUPING AND PROJECT TITLES (4C)

Group A 1. Sidiiq Faisal 2. Bushra Abdi 3. Mubarik Mukhtaar 4. Salma Abdi 5. Nimco Hussein 6. Mohamed Ibrahim	**Text Paraphrasing**
Group B 1. Hassan Mohamed 2. Mustafe Ali 3. Sacad Mohamed 4. Marwa Ali 5. Hamda Kayse 6. Guleid Hussein	**Sentiment Analysis**
Group C 1. Abdifatah Abdinasir 2. Abdirahman Mohamed Y. 3. Abdiasiis Mohamed 4. Niciima Osman 5. Mohamed Hussein 6. Mohamed Khadar	**Word Sense Disambiguation**
Group D 1. Khadar Faisal 2. Abdirahin Abdiqadir 3. Nabiiha Heis 4. Hana Cawil 5. Abdirahman Mustafe 6. Mohamed Abdillahi	**Text Summarization**

Group E 1. Hibak Saed 2. Ilhan Abdoulkader 3. Salma Mustafe 4. Isra Abib 5. Huda Mohamed 6. Juweria Yahya	**Grammar Checker**
Group F 1. Muwahib Abdisalam 2. Saynab Ali 3. Bilan Yusuf 4. Mona Ibrahim 5. Hafsa Farah 6. Hodo Ibrahim 7. Hodan Mohamed	**Named Entity Recognition**
Group G 1. Suleiman Mohamed 2. Abdifatah Farah 3. Hamse Hassan 4. Hamse Isse 5. Abdallah Abdirizak 6. Abdikhadar Ibrahim 7. Abdihamid Abdirizak 8. Abdirahman Mohamed	**Part of Speech Tagging**

Deadline: Submit your group assignment on or before **25**th **June**, **2024** via my University email: suleiman.gargaare@uoh.edu.so