Module Description: Artificial Intelligence   **Module Code:**CMPG 313

Theory assignment: AI The Past and the Present

Objective:

This assignment requires you to glimpse the history and current state of artificial intelligence (AI).

Learning Outcome:

This assignment prioritises a clear and concise understanding of key historical and contemporary aspects of AI within a limited page count.

Task:

- **Part 1**: Historical Highlights (50%)
    - o Using the textbook, select 3 historical events that you believe significantly impacted AI and explain the significance of each event.
    - o Select either the GPS or LISP and write about their advantages and disadvantages as well as their historical impact.
- **Part 2**: Cutting Edge AI (50%)
    - o Real-World Applications: Briefly discuss 2-3 current AI applications in different fields (e.g., healthcare, robotics, NLP), highlighting their technology, function, and real-world impact.
    - o Investigate the challenges faced by developers when creating these applications and indicate the impact of these challenges (data bias, availability of data, misusing models for nefarious purposes.)

Submission guidelines:

- Please submit a **.pdf** document in 2-4 pages containing content as prescribed above.
- As an addendum, please include links to the AI chats (ChatGPT,Gemini etc.) that you have had when completing the assignment. **Please note that this is not permission to use AI to generate an entire assignment for you and plagiarism will be punished.**