

## Non-Technical Assignment Question-1

### A. Event Ideation

**Event Name:** All about ChatGPT

**Description:** The event will be a one day workshop, with the aim of providing the participants with in-depth understanding of ChatGPT, and its applications in various domains. Participants will gain technical knowledge about how ChatGPT works and learn how to effectively utilize it in their projects and applications.

**Target Audience for the Event:** The event will be open to all, not restricted to just students. Any tech enthusiast, willing to learn about the intricacies of ChatGPT can attend the workshop.

**Required Skills and Knowledge:** There are no prerequisites for this workshop. Basic programming knowledge and familiarity with Python will be beneficial but not mandatory. Knowledge of natural language processing (NLP) and machine learning concepts will be advantageous but not essential.

#### **Format and Flow of the Event:**

We can walk-through the event with the participants, taking them through the following stages, one by one:

1. Introduction to ChatGPT:
  - Overview of AI-powered conversational systems and their importance.
  - Introduction to ChatGPT and its architecture.
  - Understanding the capabilities and limitations of ChatGPT.
  
2. Technical Aspects of ChatGPT:
  - Exploring the underlying technology and algorithms behind ChatGPT.
  - Understanding how pre-training and fine-tuning processes work.
  - Deep dive into the GPT architecture and its components.

### 3. Using ChatGPT in Practice:

- Implementing and interacting with ChatGPT using Python.
- Demonstrating the integration of ChatGPT in chatbot applications.
- Discussing best practices and guidelines for effective utilization of ChatGPT.

### 4. Hands-on Workshop:

- Participants will engage in a practical session where they can experiment with ChatGPT, generate conversational responses, and explore its potential applications.
- Mentors will be available to guide participants, answer questions, and provide assistance during the workshop.

We can make the event more interactive for the participants, and suggest fun applications of ChatGPT, especially from a student perspective.

### **Timeline and Logistics:**

The event can be held offline, on a weekend, conveniently at any of the LAs. The duration of the workshop will depend on how technical we wish to get. A surface scratching level event shouldn't be taking more than 2-3 hours.

There is no requirement for registration of participants; the participants will be free to participate, simply a walk-in.

The organizers will be required to prepare presentation slides, code examples, and hands-on workshop exercises. These materials will be made available to participants in digital format, preferably through a WhatsApp group.

### **Potential Benefits and Skill Development:**

The participants will gain a comprehensive understanding of ChatGPT and its technical aspects, allowing them to leverage AI conversation models effectively in their projects. The participants will be exposed to conversational AIs, like ChatGPT, and will even act as a source of encouragement for them to eventually venture deeper into exploring the same.