**PROJECT PROPOSAL**

**BLOCK 1D-2023-2024**

**Title of the Project**

**Names of the Students**

**Date**

1. **Introduction**

In this section, you need to provide a brief overview of the project’s purpose and objectives. Additionally, you should explain why the chosen topic is relevant and interesting. Furthermore, it is important to highlight the significance of applying machine learning techniques to address the problem at hand.

1. **Problem Statement**

In this section, you should clearly define the problem you aim to solve using machine learning and provide detailed explanations as to why solving this problem is important or beneficial. Additionally, you are required to state the specific goals and objectives of the project. Enumerate the tasks or outcomes you aim to achieve through the project. Furthermore, include the AI Business Model Canvas to explain your overall project idea and the problem you intend to solve.

1. **Data Description**

In this section of your proposal, please provide details about the dataset(s) you plan to use for the project. Describe the attributes/features and their significance.

1. **Methodology**

In this section, you should outline the approach you plan to take to tackle the problem. Describe the steps involved in the machine learning process, including data collection, pre-processing, model selection, training, evaluation, and deployment. Furthermore, mention any specific techniques, algorithms, or tools you intend to use.

Briefly describe the machine learning model(s) you intend to build. Explain why you chose these models and how they are suitable for addressing the problem. If possible, provide an overview of the model architecture or design.

Explain the level of risk associated with AI system you intend to build. Provide a list of associated legal obligations that must be followed and explain your approach for addressing them.

1. **Project Timeline**

In this section, you should break down the project into specific tasks and assign a timeframe to each task. Provide a timeline that outlines when each task will be completed, from data pre-processing to model deployment. Additionally, you need to document the individual contributions of each team member.

1. **Reference**

Include any references or sources of information cited in the proposal.