National Taipei University of Technology

Computer Science and Information Engineering

Principles and Applications of Data Science

Spring 2022

Semester Group Project Report

(Title)

Name: XXXXX, XXXXX(, XXXXX)

Sid: NNNNN, NNNNN(, NNNNN)

Date:mm/dd/yyyy

**Content**

**Abstract**

1. **Introduction**

This part is a summary about the whole report and project. Please have the objectives of your project and the motivation in the introduction. In addition, the applications and contributions should be included.

1. **Literature review and related works**

Please write your comments and comparisons to the related materials you have reviewed. If there are some related or similar works, please also state and have a discussion and comparison.

1. **Problem statement**

Give a scenario of the problem you are working and state the problem. If possible, you can try to formulate your problem formally.

1. **Proposed models (approaches)**

Please present your proposed models (approaches) for the problem and give the reasons why your models or approaches are designed. Give one or two examples to illustrate how your models run.

1. **Experiments**

This part is very important. It first includes what the objectives of the experiments are, how you design them, which tools are used, where the data are from, when you have the data, what the measurements are, and what you will compare with. Then, the results are shown with careful analysis and discussion. One should have reasons for all the trends presented in the results.

1. **Conclusion**

Please include what the project has done and whether the objectives are achieved. What do you get in the project and what can be done in the future.

1. **Others**

Please state the workload and role of each member in your team for the project. Besides, show the timeline for the project and check whether all the proposed works have been done.

**Reference**