CS practice project report template

Project Name:

Your Name:

# Problem definition

## 1.1 What is the project about? (What is it? Why you want to do it? Possible applications)

## 1.2 What are the success criteria? (What are your goals that will guide you through design and implementation and can be evaluated)

# Design overview

How to solve the problem in part 1? You need to design your software system, design about the input, process, and output parts.

Please list the Identifier tables if needed.

INPUT:

PROCESS

Describe your key algorithms in flowchart or pseudocode.

Key algorithm 1:

Key algorithm2:

Key algorithm 3:

……

OUTPUT:

# Implementation

List the key techniques used in your software, like arrays, searching, sorting, dictionaries, python modules (third-party, like matplotlib, numpy, scipy, sklearn etc.)

Tech #1:

Why you use tech 1 in your project?

How do you use it? Put your code screenshots here.

Tech #2:

Why you use tech 2 in your project?

How do you use it? Put your code screenshots here.

Tech #3:

Why you use tech 3 in your project?

How do you use it? Put your code screenshots here.

……

# Results

Show the outcomes/results of your projects

# Evaluation and conclusion

Evaluate the project based on your success criteria in Part 1.

What is the conclusion of the project?

# References

List all the materials you referred to.