Project Template (Optional)

This is one template that you can use. You are welcome to use another one if you have other preference for report format.

The document will present the programming journey for the application from a Programmer perspective.

Brief solution plan
<Brief introduction of application and your design choices>

For example for a solution named CarX
This report presents technical specification and design choices about building an app for CarX. The application has following entities ….

The solution is built using Object Oriented programming principles…. The solution consists of 3 classes where Car is a parent class….

<this section should include brief details of choices for program>
<just couple of paragraphs>

Features of application
<list of features and functions that application performs>

<screen shots of application when it runs (just add couple of screen shots in report and rest in appendices)>

For example for CarX
The application consists of following actors/users.
1) Sales man
2) Car sale manager
3) …

Sales man performs following task:
- Add a new car
- Search car
- …

Class and Interface details (If no interfaces then class only)

<List of classes and what is their purpose>
<Eventual enums>
<Interfaces if any>
<UML Diagram>

Explanation of code choices with examples from your own code

<Why you made the classes the way you did>
<Choice of properties and methods>
<Chunks of codes explained (your choice of favorite code)>

For example for CarX application.
Method: **Car ReadGenericCarFeatures(Car car)**
This method is an interesting method in the code and is responsible for instantiating the parent class properties for Electric and Fuel Car. This method takes advantage of Polymorphism and is used …

Personal Reflections

<Your reflections about this program and programming learning in General>
For example for CarX
The CarX application used console to accept the user input. The car input is collected in categories. I found the utilization of Polymorphism particularly challenging because …

Furthermore, The way I have implemented the validation I am not satisfied with because program allows invalid input in case of BatteryType…

Future improvements (if any)

<What would you like to improve>
<Anything that you theoretically understand and would have preferred to do it that way but your current experience practically restricted you from implementing that>

Conclusion.

<Brief conclusion about your project and learning>

Note: Please submit code as Zip file