

## **2300 Semester Project**

Project Name: Military Vehicle Database  
Team name: Praet Industries  
Team member: Brandon Praet  
Date: 1-31-2025

### **Who:**

I'm Brandon Praet, and I have nearly five years of experience as a regulatory automotive engineer. I chose to undertake this project solo to develop my skills in Java programming.

### **What:**

A military vehicle database to store information on real-world military vehicles, including attributes such as:

- Name
- Manufacturer
- Cost

A GUI will allow users to:

- Add new vehicles
- Remove existing vehicles

### **Why:**

The database is primarily aimed at individuals interested in working in the defense industry, helping them learn more about local employers and their products.

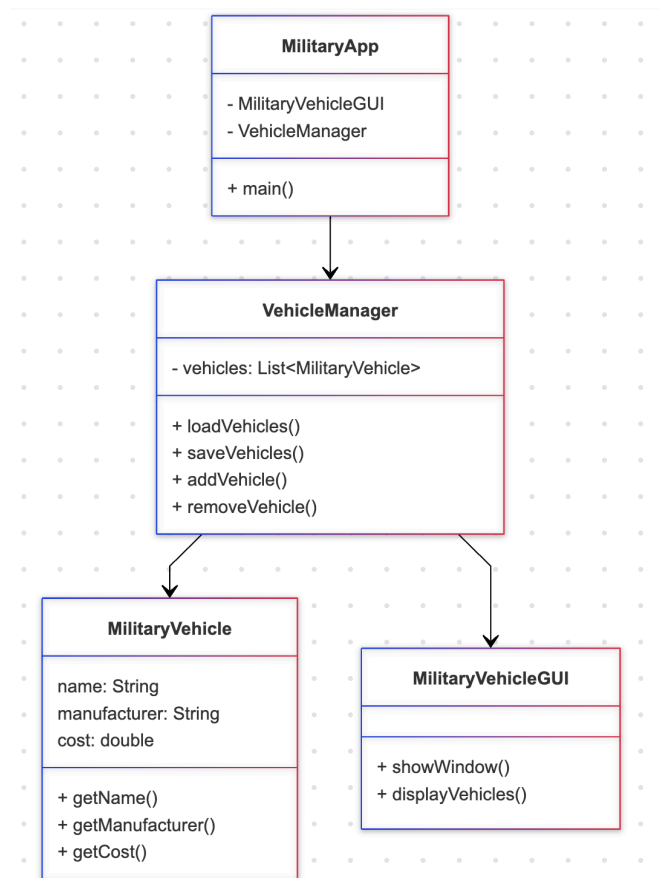
### **How it will be used:**

The vehicle database will serve as a repository of information that can be browsed and updated by the user.

### **Disclaimer:**

This project does not endorse violence. It is intended to be an objective exploration of local industry and the strategic/market factors they consider, serving purely as an educational tool.

## UML Diagram:



## Plan and estimate of effort:

I will start with the simplest implementation of my project as described above, however, the following functions are aspirational targets if time allows:

1. Defense Company Database
  - a. Store company names, location, and services/products.
  - b. This goal adds significant value to those actively searching for employment in the defense industry.
2. Battle Simulator
  - a. Demonstrate the advantages and disadvantages of various vehicles and their costs in hypothetical scenarios.
  - b. This goal is intended to delve into the challenges facing modern militaries, such as the introduction of relatively low cost drones, or the significance of logistics and utility vehicles.