

Important Announcement

Assessment 1 - MSE800 Software Engineering

Notice: No manual configurations should be needed for running your project!! Please attach [requirements.txt](#) inside your project!!

Introduction:

For the first assessment, it is an **individual** project. Everyone needs to develop the application using **Python** as per the assessment brief, for the task given in the brief - which is the **Car Rental System**. The submission deadline is **Week 7, Sunday at 11:59 PM**.

More Details of Assessment 1:

- You need to develop a **Command-line User Interface (CUI)** version of the software product using **Python** Programming Language.
- **No limitation** on IDE or database.
- **All Object-Oriented (OO) Programming concepts**, such as encapsulation, abstraction, inheritance, and polymorphism, **must be applied to your project**.
- **At least one** design pattern should be used in your project.
- The program needs to be **bug-free** and has robust error handling.
- The program is easy to compile and run
 - **without any manual configurations** (e.g., setup input/output files, import files, etc.).
 - Need a **requirement.txt file** including all installed packages inside.