MoSCow Week5 Project

Must Have

* A strong complete README.md explaining how the product works
* Version control and Source Code Management
* A back end program
* A scrum board to organise tasks
* A relational database to store data
* Build tool and Unit test suites with upto 80% coverage
* Programming using SOLID and OOP principles for clear, reusable objects.
* Use of feature-branch model to ensure version control and clear feature update for modification and testing
* ERDs and UMLs to explain the association between tables
* A risk assessment matrix to assess risk within and around project
* Ability to Create, read, update, and delete values/information for customers, order and items
* Program must be able to add, delete items to and order
* Ability to calculate total order cost
* A build of the application with only required dependencies, produced using an integrated build tool

Should Have

* Better output /print formats for clear result prints
* Multiple extra columns utilising relevant data such as customer contacts details, product descriptions
* A functional Create a functional application front-end which connects to the back-end API
* Best practices followed and demonstrated, refactoring adhered to and implemented throughout project
* Use git ignore files, and scripted hooks
* Better flows using if statements or switch cases

Could Have

* API integrations with other software
* Use of **SonarQube** to run code to show and use relevant refactoring of code according to the analysis smells, bugs, and vulnerabilities

Won’t Have

* 100% test Coverage
* Multiple extra Tables (not including the ones currently used) such as customer login details
* Cloud integration