

International School

SE-MIS Program

**SHOP MANAGEMENT**

**GROUP PROJECT**

**COURSE: Object-Oriented Programming C++ (Advanced Concepts in Computing)**

**Group 03 - Team members in class CMU-CS 311 DIS (2022-2023)**

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**SHOP MANAGEMENT**

**I. Problem**

The manager of the store wants to manage information about goods and customers

**II. Solution**

We need a store management program with the functions of adding, updating, deleting, sorting, searching information of goods in stock and information of customers who have purchased.

**III. Implementation**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Criterions | | Highest grade | For the Students | | | | | | For the Lecturer | | | | | | |
| Project | Member | | | | Project | | | Member | | | |
| 1 | 2 | 3 |  | | | 1 | | 2 | 3 |
| Product Management | View | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Add | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Update | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Delete | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Table Management | View | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Add | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Update | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Delete | 0.5 | 0.5 | 0.5 | 0.5 |  |  | | |  | |  |  |
| Working with files | | 2 | 2 | 2 | 1.75 |  |  | | |  | |  |  |
| UML Class Diagrams | | 2 | 2 | 2 | 2 |  |  | | |  | |  |  |
| Features are working well | | 2 | 2 | 2 | 1.75 |  |  | | |  | |  |  |
| Polymorphism and Abstraction | | 20% | 20% | 20% | 10% |  |  | | |  | |  |  |
| GUI | | 20% | 0 | 0 | 0 |  |  | | |  | |  |  |
| Total | | | 12  (10+20%) | 12  (10+20%) | 10.45  (9.5+10%) |  |  | | |  | |  |  |