

International School

SE-MIS Program

**COFFEE SHOP MANAGEMENT**

**GROUP PROJECT**

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

**Group 14 - Team members in class CMU-CS 311 KIS (2021-2022)**

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# **I. Problem**

# I decided to open my own coffee shop. To make it easier for me to manage, I needed to create a software that could help me do that.

# **II. Solution**

# The software needs to manage information about the employee's data, the data of the items in the shop, and can calculate the bill easily and automatically. CRUD is the basic and most important part of the project.

# **III. Implementation**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Criterions | | Highest grade | For the Students | | | For the Lecturer | | |
| Project | Member | | Project | Member | |
| 1 | 2 |  | 1 | 2 |
| User Management | Add | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Edit | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Delete | 0.5 | 0.5 | 0,5 | 0.5 |  |  |  |
| Search | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Items  Management | Add | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Edit | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Delete | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Search | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |
| Working with files | | 2 | 2 | 2 | 2 |  |  |  |
| UML Class Diagrams | | 2 | 2 | 2 | 2 |  |  |  |
| Features are working well | | 2 | 1.75 | 1.75 | 1.75 |  |  |  |
| Polymorphism and Abstraction | | 20% | 0% | 0% | 0% |  |  |  |
| GUI | | 20% | 0% | 0% | 0% |  |  |  |
| Total | | | 9.75  (9.75+  0%) | 9.75  (9.75+  0%) | 0.5  (0.5 + 0%) |  |  |  |