**Project Details**

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| --- | --- |
| Project number | *28* |
| Project title | *Mega store corporation* |
| Corresponding TA\LA | *Eng. Lamia Atef* |
| Deliverable | *1* |

**Team Details**

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| --- | --- | --- |
| **Student ID** | **Student name** | **Lab Group** |
| 20200575 | Mirette Shenouda Maher | Lab 8 S1,S2 |
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| 20210561 | Samuel milad younan | Lab 3 S8 |

**Deliver a complete electronic report to deliver the following requirements using CASE/modelling tool(s):**

1. Select **TWO** simple use cases using the provided Use case diagram (that have been developed during the analysis phase of your project)

a. Generate and draw a **partial class diagram** using **CRC cards** (**show steps**).

Diagram

Description automatically generated

Diagram, table, engineering drawing

Description automatically generated

b. Generate and draw a **partial class diagram** using **communication diagram** (**show steps**).

Table

Description automatically generated

Diagram

Description automatically generated

2. Select two complex use cases:

 Generate and draw a **partial class diagram** using **multi-layer sequence diagram** (**show steps**).

Diagram

Description automatically generated with low confidence

Diagram

Description automatically generated

Diagram, engineering drawing

Description automatically generated3. Generate and draw **final-cut class diagram** output from 1.a, 1.b, and 2 [**Fully defined attributes and methods, navigation, multiplicity**].

4. Generate and draw **package diagram** from the resulted detailed class diagram in 3.

Diagram, schematic

Description automatically generated