**PROJECT PART 3.1: ANALYSIS DIAGRAMS**

**GROUP (**Evaluation, Instruction and Deliverables)

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Type: Group

Marks: 40 (4%)

Submission: Through iTaleem before 5pm –

**21 December 2023**

Instructions:

Prepare object modelling report based on your project (project 2). Prepare the report according to the following outline as guideline for your report.

1. Use this table and list down all the business actors in the **new proposed system**. Eg. Customer , product, branch

**Table 3: List of Business Actors in new proposed system**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Actor(s)** | **Synonym** | **Description** |
| **1** | **Customer** | **New Customer** | **An individual or corporation that submits personal/company’s details in order to join the membership** |
| **2** | **Distribution centre** | **Warehouse** | **Entity that houses ensure the shipment of finished products to customer** |
|  |  |  |  |
|  |  |  |  |

1. Use this table and list down all the use case(s) in the **new proposed system** (the business requirements) and group them by sub-system(if necessary). Eg. Membership subsystem.

**Table 1: List of Business Requirements of the new proposed**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case name** | **Description** | **Participating Actors and Roles** | **Subsystem** |
| **Submit New Membership** | **This use case describes the event of a potential member requesting to join membership by providing personal details** | **Potential Member (primary business)**  **Distribution Centre**  **(external receiver)** | **Membership** |
| **Submit Member Details Change** | **This use case describes the event of a current member submitting changes to his or her details/profile such as postal address and contact number** | **Current Member (primary business)**  **Distribution Centre (external receiver)** | **Membership** |
|  |  |  |  |
|  |  |  |  |

Then, Draw a use case diagram.

1. From every use case(s) identified in **Table 1**, generate the following items:
   1. Document each use-case narratives using the use-case template provided
      1. If you have identified 5 use cases (for example), you need to construct 5 use case narratives.
   2. Construct activity diagram for each use-case.
      1. If you have identified 5 use cases (for example), you need to construct 5 activity diagrams
   3. Construct sequence diagram for each use-case.
      1. If you have identified 5 use cases (for example), you need to construct 5 sequence diagrams
   4. Construct a class diagram that represents the new proposed system.

Additional Notes:

# The contents in the tables above are only example.