**6COSC001W Coursework One Self Assessment Sheet 2021**

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| Student Name: | Komolbek | Student ID: | W1754980 |
| Marker: |  | **Final Mark** | **%** |

# Part A – Requirements

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| Achieved: All requirements are clearly defined so the Use case stage could be easily designed. |
| Comments by Marker: |

*Max Marks Available 10%.*

# Part B – Use Case Diagrams

1. Draw one or more use case diagrams for the system.

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| Achieved: Use case diagram is shown contains all use cases describing each requirement. Do not repeat your self principle applied by using <<include: Check identity>> use case. All actor are presented with relationships. This section **is finished** and can be used while implementation. |
| Comments by Marker: |

*Max Marks Available 5%.*

1. Description for the main flow of each use case.

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| Achieved: Each use case’s main flow is described in details so it mitigates the sequence and activity diagrams design. This section **is finished** and can be used while implementation. |
| Comments by Marker: |

*Max Marks Available 10%.*

# Part C – Classes

1. Classes, Responsibilities, and Collaborations

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| Achieved: Main domain classes are presented as well as some service layer classes with all responsibilities and collaborations. This design section will need to be extended by adding some Model and Controller layer classes and optimised after submission so section **is NOT finished** and can’t be yet used while implementation. |
| Comments by Marker: |

*Max Marks Available 10%.*

1. Domain model for the system.

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| Achieved: Domain model is not presented. This design section will need improved after submission so section **is NOT finished** and can’t be yet used while implementation. |
| Comments by Marker: |

*Max Marks Available 15%.*

# Part D – Sequence Diagrams

Sequence diagram for each use case using MVC as a design pattern.

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| Achieved: The sequence diagrams for every section are designed. Diagrams clearly show the collaboration between each object. This section **is finished** and ready to be used while implementation part but can be optimised because of the **Classes** section. |
| Comments by Marker: |

*Max Marks Available 15%.*

# Part E – Activity

Detailed Activity diagram for the prediction functionality.

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| Achieved: Every possible condition is considered during designing the activity diagram for prediction of the Project’s due dates based on available data. This section is finished and can be used to implement it but also can be optimised after submission and will be reported while submitting the implementation. |
| Comments by Marker: |

*Max Marks Available 15%.*

# Part F – Evaluation and Report

- Completion of this evaluation report

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| Comments by Marker: |

*Max Marks Available 5%.*

- Suitability for implementation

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| Achieved: The design is suitable for implementation for the 85%. Even though main parts are completed, the class domain design remains uncompleted which may cause the problems while implementing. So the optimisations in the design will occur after submission Coursework 1 but before implementation and will be included into the Design changes report. |
| Comments by Marker: |

*Max Marks Available 15%.*