

## ASSIGNMENT FEEDBACK FORM

|                          |   |                              |               |
|--------------------------|---|------------------------------|---------------|
| Student Name/ID/Section  | Obada Mohammad Khaled Alhalaybeh - 23110107 - 1 |                              |               |
| HTU Course Title and No. | 40201220 - Software Development Lifecycles      |                              |               |
| BTEC Unit Code and Title | K/618/7408 - Software Development Lifecycles    |                              |               |
| Assignment Number        | 1   | Assessor Name                | Ashwaq Khalil |
| Submission Date          | Jan 26, 2025                                    | Date Received 1st submission | Jan 26, 2025  |
| Re-submission Date       |   | Date Received 2nd submission |               |

### Ongoing formative feedback from assessor:

- **Attendance:** Very Good
- **Lab / In-class Activity:** Good
- **One-to-one Formative Discussion:** Very Good

### Assessor feedback for summative assessment:

#### General Feedback

Some parts of the report need to be more organized. However, it is clear and readable.

#### Strength of Performance

The student was able to:

- Describe two iterative and two sequential software lifecycle models.
- Explain how risk is managed in software lifecycle models.
- Explain the purpose of a feasibility report.
- Describe how technical solutions can be compared.
- Undertake a software investigation to meet a business need.
- Use appropriate software analysis tools/techniques to carry out a software investigation and create supporting documentation.
- Discuss, using examples, the suitability of software behavioural design techniques.
- Discuss using an example, why a particular lifecycle model is selected for a development environment.
- Discuss the components of a feasibility report.
- Analyse how software requirements can be traced throughout the software lifecycle.
- Discuss two approaches to improving software quality.
- Analyse a range of software behavioural tools and techniques.
- Differentiate between a finite state machine (FSM) and an extended FSM, providing an application of use for both.
- Assess the merits of applying the Waterfall lifecycle model to a large software development project.
- Assess the impact of different feasibility criteria on a software investigation.
- Present justifications of how data-driven software can improve the reliability and effectiveness of software.

## Limitation of Performance

The student was unable to:

- Evaluate the process of undertaking a systems investigation with regard to its effectiveness in improving software quality.

The student lost some of the criteria because of the following drawbacks in the report:

1- D3 (Part #4.2): the answer does not consider all the key points.

|                 |  |                              |
|-----------------|--|------------------------------|
| <b>Grade: M</b> | <b>Assessor Signature:</b><br><i>Ashwaq Khalil</i> | <b>Date:</b><br>Jan 29, 2025 |
|-----------------|--|------------------------------|

## Resubmission Feedback (if required):

|               |                            |              |
|---------------|----------------------------|--------------|
| <b>Grade:</b> | <b>Assessor Signature:</b> | <b>Date:</b> |
|---------------|----------------------------|--------------|

## Criteria (To be filled before resubmission)

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|--|--|--|--|--|--|--|--|--|---------------------------|
| P1 <input checked="" type="checkbox"/> | P2 <input checked="" type="checkbox"/> | P3 <input checked="" type="checkbox"/> | P4 <input checked="" type="checkbox"/> | P5 <input checked="" type="checkbox"/> | P6 <input checked="" type="checkbox"/> | P7 <input checked="" type="checkbox"/> | M1 <input checked="" type="checkbox"/> | M2 <input checked="" type="checkbox"/> | <b><u>Final Grade</u></b> |
| M3 <input checked="" type="checkbox"/> | M4 <input checked="" type="checkbox"/> | M5 <input checked="" type="checkbox"/> | M6 <input checked="" type="checkbox"/> | D1 <input checked="" type="checkbox"/> | D2 <input checked="" type="checkbox"/> | D3 <input type="checkbox"/>            | D4 <input checked="" type="checkbox"/> |  | <b><u>M</u></b>           |

## Student Declaration:

I certify that the formative and summative assessments for this assignment have been fully explained and understood by me, I also do understand that the grade above is simply a recommendation that could later be changed during any of the verification processes.

**Student Name:**

**Student Signature:**

**Date:**