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|  | | **ASSIGNMENT COVER PAGE** | | | C:\Users\hoching.tay\Desktop\Lincoln_UK_06092017-01.png |
| **Programme** | | | **Course Code and Title** | | |
| UCSEW | | | CSE3033/N Software Engineering | | |
| **Student’s name / student’s id** | | | **Lecturer’s name** | | |
|  | | | TEE ENG HONG | | |
| **Date issued** | **Submission Deadline** | | | **Indicative Weighting** | |
| 4/3/2024 | 1/4/2024 | | | 30% | |
| **Assignment [2] title** | Pre-implementation Software Engineering Activities | | | | |
| This assessment assesses the following course learning outcomes | | | | | |
| **# as in Course Guide** | **UOWM KDU Penang University College Learning Outcome** | | | | |
| CLO3 | Apply concepts derived from current theories of advanced software  engineering. | | | | |
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| **# as in Course Guide** | **University of Lincoln Learning Outcome** | | | | |
| LO1 | Synthesise concepts derived from current theories of advanced software engineering | | | | |
| LO3 | Utilise and evaluate advanced software engineering techniques and processes in the development of a software artefact | | | | |
| **Student’s declaration** | | | | | |
| I certify that the work submitted for this assignment is my own and research sources are fully acknowledged. | | | | | |
| Student’s signature: | | | | | |
| Submission Date: | | | | | |

|  |  |
| --- | --- |
| **Dates and Mechanisms for Assessment Submission and Feedback** | |
| **Mechanism for handout to students** | OpenLearning LMS/ MS Teams |
| **Mechanism for submission of work by student** | *Softcopy online submission via OpenLearning/MS Teams* |
| **Date by which work, feedback and marks will be returned to students** | 15/4/2024 |
| **Mechanism for return of assignment work, feedback and marks to students** | Feedback will be provided by a marking template. This will be available to students via OpenLearning/MS Teams. The discussions at the walkthroughs will also provide informal feedback |

# COURSEWORK SUBMISSION GENERAL INFORMATION

# Academic Integrity Statement

You must adhere to the university college regulations on academic conduct. Formal inquiry proceedings will be instigated if there is any suspicion of plagiarism or any other form of misconduct in your work. Students must **NOT** collude with other groups of students or plagiarize their work.

**We practice zero tolerance towards plagiarism, and we use Turnitin to evaluate the similarity index. Your similarity index score must not exceed 20%.**

**Your tasks must be your own work. Unless the use of Artificial Intelligence (AI) is permitted in your assessment task, using AI to complete your assignment is a form of plagiarism.**

# Nature of the submission required

A softcopy of your assignment in **PDF version** should be submitted to lecturer, no later than the date and time stipulated on the cover sheet. In addition, an electronic copy of your work must be submitted to Turnitin. The first page of your report, immediately after the cover page, must be a page from Turnitin clearly showing your name and your Originality Score (Please refer to [submission arrangement](#_Submission_arrangement)).

Diagrams may be used where they are helpful to support your arguments or description. If they are not your own work, the source must be referenced. Please help us to handle and mark your work efficiently.

Please take note for group submission, only **one submission per group**. This will contain both the group and individual elements. The individual element must be clearly labelled to indicate which group member completed the task.

# Documentation guidelines

Student is required to submit a **SOFTCOPY** of the report and ensure that it use the following formatted styles: 1) Font type: **ARIAL**, 2) Font size: **11** **pt**., 3) Line spacing: **Single spacing** and 4) Page layouts: **Justify**. Please make sure you have proper format alignment for all paragraphs, following standard writing style and use **HARVARD CITATION STYLE** for citation. Please include a **HEADER** with the following information: **Student ID, Student name, Course code and Assignment type**. Please also include a proper cover page for your submission which contains information about the students, assignment, course, and department with UOWM KDU Penang University College and University of Lincoln (UoL) logos on top. Also include page number at the footer page and list of references, which is shown in the last page.

# Penalties for Late Submission

For late submission of this Assignment, a penalty of a reduction by 10% of the maximum mark may be applicable for each Calendar Day or part thereof that the submission is late. An Assignment submitted more than **TEN** Calendar Days after the deadline will have a mark of zero recorded for this Assignment.

# Submission arrangement

1. Cover page
2. Turnitin similarity report
3. Table of Content
4. Main Report
5. Reference List or Bibliography List (whichever applicable)
6. Marking Rubric (in landscape orientation)

# File naming convention

Please make sure you save your filename with the following format:

* <Student Name>\_coursecode\_A2\_Jan24.pdf

# Assignment instructions/Background

**Description**

This assignment is an **individual assignment.**

**Grading Assessment:** Please refer to the marking rubric for the assessment.

**Task**

You are required to form a software team and identify one development methodology to design a new online campus facility report system which able to enable all faculty members and students to report the faulty facilities in campus. Some examples of the features report with photo and voice description, work confirmation, job status, acknowledgement, comment, and report. Your apps must focus on at least 3 aspects of the online facility report system and support various roles such as administrator, faculty member, and student.

Write a report with the sections below:

Section 1: Introduction to the Web application, Product Backlog and User Stories

Section 2: UML Design and screen design

Section 3: Test Scenario, test plan, test data.

**Handing in your work**

This is an individual assignment. Each student should upload the document in PDF in CSE3033N Jan24 Microsoft Teams, Assignment 2 section.

**Deadline**

The deadline for report submission of this assignment is on **date 3/4/2024 (Week 12)**

Rubric Assignment 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Section | Failed  (0-49) | Third Class  (50-59) | Second Class Lower (60-69) | Second Class Upper (70-79) | First Class  (80-100) | Mark |
| Section 1: Introduction to the Apps, Product Backlog and User Stories (40%) | The software is totally out of scope or does not contain much meaningful features, missing product backlog and user stories. | The scopes of software are explained but largely irrelevant. Many areas of product backlog and user stories are incomplete or incorrect. | The scopes of software are explained and minor area is irrelevant. 3-4 areas of product backlog and user stories are incomplete or incorrect. | The scopes of software are explained and relevant. 1-2 areas of product backlog and user stories are incomplete or incorrect. | The scopes of software are explained and relevant. All areas of product backlog and user stories are correct and precise. | Raw mark  /100  Section mark  /40 |
| Section 2: UML Diagram/ UI Design (30%) | The diagram design is not provided or totally in wrong UML diagram format. | The diagram is given but it is not designed according to Section 1 entirely. Provide limited diagram and no UI design | The diagram is given and designed according to Section 1. Provide limited diagram and UI design | The diagram is given and designed according to Section 1. Provide sufficient diagram and UI design | The class diagram is given and designed according to Section Provide comprehensive diagram and UI design | Raw mark  /100  Section mark  /30 |
| Section 4: Software Testing (30%) | No test plan is provided or all test areas are incorrect. | Test plan is provided but only white box or black box testing is given. | Test plan with both white box and black box testing are provided. 3-4 test cases are not appropriate or incomplete. | Test plan with both white box and black box testing are provided. 1-2 test cases are not appropriate or incomplete. | Test plan with both white box and black box testing are provided. All test cases are appropriate and described in detailed and concise. | Raw mark  /100  Section mark  /30 |
| **Total Score:** | | | | | | **/100** |