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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | ASSIGNEMNT BRIEF   |  |  | | --- | --- | | **HTU Course No:** 0040201320  **HTU Course Name:** ERP Systems | **BTEC Unit No:** N/A    **BTEC Unit Name:** N/A | | | | | Assignment Brief Number: 1 | |  | | Version: 1 |  | | |



**Assessment Brief**

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| Student Name/ID Number/Section |  |
| HTU Course Number and Title | **ERP Systems -** 0040201320 |
| BTEC Course Number and Title | **N/A** |
| Academic Year | 2022/2023 |
| Assignment Author | Dr. Salem Alemaishat |
| Unit Tutor | Dr. Salem Alemaishat |
| Assignment Title | **ERP Research, Report & Integration** |
| Assignment Ref No. | **No. 1** |
| Issue Date | Dec. 18, 2022 |
| Formative Assessment Dates: | Every week until Jan. 12, 2023 |
| Submission Date | Feb. 1, 2023 |
| IV Name & Date | Eng. Dania Al sa'id |

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| **Submission Format** |
| Submission for this assignment is expected to be via eLearning and should include the following:   * Individual written report (word Document) * Demonisation of ERP usage/integration/reporting via Odoo (recorded in Witness Statement) * Signed Declaration form (Included in the assignment brief) * Augmented by a presentation with your assessors illustrating your assignment and answering questions (witness statement - Included)   Report style:   * Written in a formal business style (headings, content page, paragraphs, subsections and illustrations as appropriate, single spacing & font size 12) * Supported with research and referenced using the Harvard referencing system. |

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| **Unit Learning Outcomes** |
| **LO1** Discuss ERP in terms of Evolution, Factors responsible for growth & ERP use and applicability.  **LO2** Compare the tools and technologies associated with ERP implantation.  **LO3** Demonstrate the use of ERP tools and technologies.  **L04** Discuss the implementation cycle & impact of ERP tools on the economy |
| **Assignment Brief and Guidance** |
| **Scenario:**  You are working as an IT consultant for “Digital Transformation” an IT company in Jordan. Digital Transformation is an Odoo certified implementer/trainer specialized in delivering solution to businesses. You were tasked to provide demo on Odoo ERP along with a report of to your customer about ERP evolution over the years & the benefits businesses will gain when using ERP systems.  As ERP consultant, you will:  Integrate an ERP for demo purposes (use Odoo):  At the beginning, you are to construct your own customized version of Odoo from the ground up by setting up, editing your company and user profile. Next, you will need to create transactions across multiple modules of your Odoo ERP system. Following the newly created transactions, aadjust privileges for each employee according to their responsibilities taking into consideration Corresponding Access Rights.  Having completed the above steps, provide sample reports from previously created transactions(include the sample reports into your actual report that you will submit to me)  Create a report:  In your report, define the term ERP and explain why it is different from conventional software packages and programs. Next you will need to explain the factors/software contributed to the evolution of ERP systems that we have currently in the market and Evaluate the benefits and drawbacks of using ERP solution for businesses.  Your report will further Compare three types of ERPs available in the market and justify, with specific examples, the key features of each ERP solution.  Finally, discuss in general the process of implementing ERP solutions and provide information about the lifecycle of module implementation. Next, **explain** how proven path can help implement ERPs successfully and evaluate the impact of ERP solution on the economy. |

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| Learning Outcomes and Assessment Criteria | | |
| Pass | Merit | Distinction |
| **LO1** Discuss ERP in terms of Evolution, Factors responsible for growth & ERP use and applicability. | | **D1 (LO1&LO2)** Evaluate the benefits and drawbacks of using ERP solution |
| **P1** Briefly define the term ERP and why it is different from conventional software packages and programs. | **M1** Explain the factors contributed to the evolution of ERP |
| **LO2** Compare the tools and technologies associated with ERP implantation. | |
| **P2** Compare three types of ERPs available for businesses in the market. | **M2** Justify, with specific examples, the key features of each ERP solution.  . |
| **LO3** Demonstrate the use of ERP tools and technologies. | | **D2** Provide sample reports from previously created transactions  **D3** Evaluate the impact of ERP solution on the economy |
| **P3** Construct your own customized version of Odoo from the ground up by setting up, editing your company & user profile.  **P4** Create transactions across multiple modules of your ERP Systems. | **M4** Adjust privileges for each employee according to their responsibilities taking into consideration Corresponding Access Rights. |
| **LO4** Discuss the implementation cycle & impact of ERP tools on the economy | |
| **P5** Discuss in general the process of implementing ERP solutions.  **P6** Provide information about the lifecycle of module implementation | **M4** Explain how proven path can help implement ERPs successfully |



**Student Assessment Submission and Declaration**

When submitting evidence for assessment, each student must sign a declaration confirming that the work is their own.

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| **Student name:** | | **Assessor Name:** Dr. Salem Alemaishat | |
| **Issue date:**  Dec. 18, 2022 | Submission date:  Feb. 1, 2023 | | **Submitted on:** |
| **Programme:** Computer Science/Information Sciences | | | |
| **HTU Course Name:** ERP Systems **BTEC Course Title:** N/A  **HTU Course Code:** 0040201320 **BTEC Course Code:** N/A | | | |
| Assignment number and title: Building an application unitizing class diagrams and design patterns | | | |

**Plagiarism:**

Plagiarism is a particular form of cheating. Plagiarism must be avoided at all costs and students who break the rules, however innocently, may be penalised. It is your responsibility to ensure that you understand **correct referencing practices**. As a university level student, you are expected to use appropriate references throughout and keep carefully detailed notes of all your sources of materials for material you have used in your work, including any material downloaded from the Internet. Please consult the relevant unit lecturer or your course tutor if you need any further advice.

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| **Student declaration**  I certify that the assignment submission is entirely my own work and I fully understand the consequences of plagiarism. I understand that making a false declaration is a form of malpractice.  **Student signature: Date:** |

Witness statement – BTEC Higher Nationals

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| **Student name:** |  | | |
| **Qualification:** | **HND Computing** | | |
| **Unit number & title:** | **30202421 – ERP Systems** | | |
| **Description of activity undertaken (please be as specific as possible)** | | | |
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| **Assessment & grading criteria for which the activity provides evidence** | | | |
|  | | | |
| **How the activity meets the requirements of the assessment criteria, including how and where the activity took place** | | | |
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| **Witness name:** | **Eng. Hikmat Shehadeh** | | |
| **Witness job role:** | **Teaching Assisstant** | | |
| **Witness signature:** |  | **Date:** |  |
| **Student name:** |  |  | |
| **Student signature:** |  | **Date:** |  |
| **Assessor name:** | **DR. Salem Alemaishat** |  | |
| **Assessor signature:** |  | **Date:** |  |