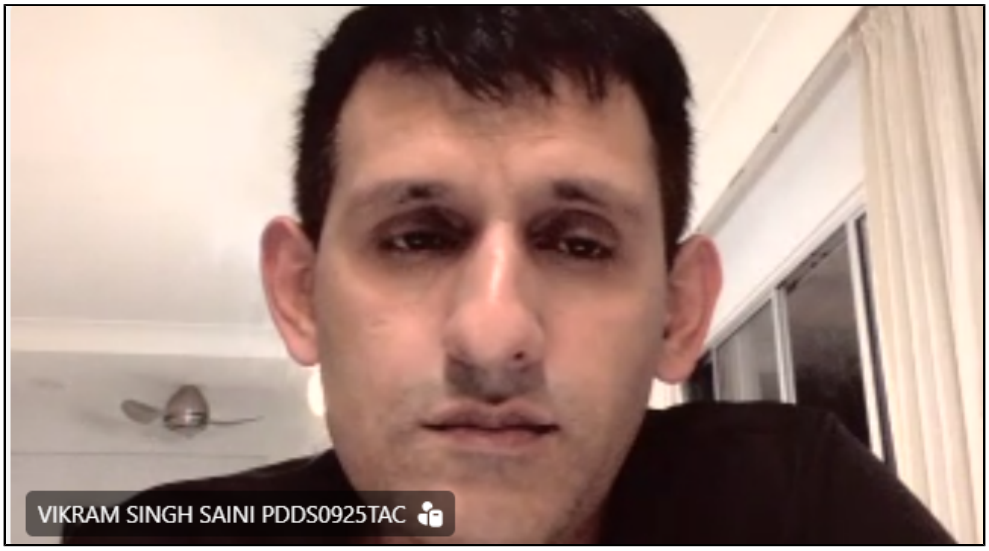
Learner Name: VIKRAM SINGH SAINI NRIC:SXXXX336D	Course/Module Name : PDDS-WSQ-Deep Learning (SF) (Synchronous & Asynchronous E-Learning) Assessor Name : Tushar Ganpat Chechare - Adjunct Faculty (DS) Center Name : Lithan Academy	Time Of Assessment : 21:00-21:30 Date Of Assessment : 29-01-2026

This document is meant for recording the learner's Presentation and Oral Questioning evidence meet the required Knowledge and ability of the Technical skills and Competency .

"ICT-DES-4001-1.1 : Data Design"

I. Identity Verification



II. Assessment Record for Summative Assessment - Presentation

Knowledge / Abilities	Assessment Criteria	Outcome	Evidence
ICT-DES-4001-1.1 : Data Design			
A3.Review developed database schemas	Explain data pre-processing steps and data schema of communication between different AI services in the project datasets.	C	Evidence provided in the project report
A4.Formulate data flow diagrams to model processes in information systems	Explain the data flow and interactions between various processes in the developed AI applications.	C	Evidence provided in the project report
A5.Develop mechanisms and processes to optimise flow, maintenance, storage and retrieval of data to meet organisation objectives	Develop and implement effective mechanisms for optimizing data flow, maintenance, storage, and retrieval of image and text data in the project.	C	Evidence provided in the project report
K2.Database modelling techniques	Explain the data flow and interactions between various processes in the developed AI applications.	C	Evidence provided in the project report
K4.Processes for development of database schemas	Explain data pre-processing steps and data schema of communication between different AI services in the project datasets.	C	Evidence provided in the project report
K5.Data warehousing concepts and methodologies	Develop and implement effective mechanisms for optimizing data flow, maintenance, storage, and retrieval of image and text data in the project.	C	Evidence provided in the project report

III. Assessment Record for Summative Assessment - Oral Questioning

Knowledge / Abilities	Assessment Criteria	Outcome	Evidence
ICT-DES-4001-1.1 : Data Design			
A1.Design data models based on analysis of data requirements and project objectives	List different layers in a Convolutional Neural Network, and the functions of these layers (4 minutes)	C	Evidence provided in the Oral Questioning
A2.Determine the parameters and fields to be set for data models	List any four functionalities of text analysis using Azure AI Language service with an example. (4 minutes)	C	Evidence provided in the Oral Questioning
A6.Direct the construction of data warehouses, identifying multiple sources of data to be integrated	List the differences between the Question answering solution and the language-understanding solution. (4 minutes)	NYC	Evidence provided in the Oral Questioning
K1.Data design principles and strategies	List different layers in a Convolutional Neural Network, and the functions of these layers (4 minutes)	C	Evidence provided in the Oral Questioning
K3.Functions and implications of data parameters and fields	List any three functionalities of Azure AI vision service. (3 minutes)	C	Evidence provided in the Oral Questioning

IV. Assessment Summary

Technical skills & Competency :	ICT-DES-4001-1.1 : Data Design
Assessment Duration :	
Presentation Duration : **15**	Oral Questioning Duration : **15**

Knowledge / Abilities	Assessment Criteria indicate C or NYC		Overall Result indicate C or NYC	Remark
	Presentation	Oral Questioning		
ICT-DES-4001-1.1 : Data Design				
A1.Design data models based on analysis of data requirements and project objectives		C	C	Competent
A2.Determine the parameters and fields to be set for data models		C	C	Competent
A3.Review developed database schemas	C		C	Competent
A4.Formulate data flow diagrams to model processes in information systems	C		C	Competent
A5.Develop mechanisms and processes to optimise flow, maintenance, storage and retrieval of data to meet organisation objectives	C		C	Competent
A6.Direct the construction of data warehouses, identifying multiple sources of data to be integrated		NYC	NYC	Competent
K1.Data design principles and strategies		C	C	Competent

K2.Database modelling techniques	C		C	Competent
K3.Functions and implications of data parameters and fields		C	C	Competent
K4.Processes for development of database schemas	C		C	Competent
K5.Data warehousing concepts and methodologies	C		C	Competent
	C	**NYC**	**NYC**	

The learner has been assessed as:

Not Yet Competent

in the ICT-DES-4001-1.1 : Data Design Design data models and data flow diagrams and mechanisms to optimise the flow, maintenance, storage and retrieval of data

Learner name (as per NRIC)	Assessor name
VIKRAM SINGH SAINI	Tushar Ganpat Chechare - Adjunct Faculty (DS)

Learner Signature

Assessor Signature

By signing,the Learner and Assessor confirm that the information herein is accurate and agree to the assessment outcome.

Date Time

29-01-2026 21:00-21:30

Feedback on outcome by Assessor/ Feedback by Learner.

Feedback on the overall performance or in the case of NYC; any area of skills gap and improvement needed

The learner presented well and found competent

V. - Appendix 7 : Checklist for Conducting Assessment

Instructions	Tick when done
Explain / Check the following:	
1. Introduce yourself	✓
2. Verify candidate's identity	✓
3. Explain the following: - Assessment's purpose (Why are the Learners attending assessments) - Process (explain steps of how that is going to be conducted, what happens after the assessment has been conducted) - Duration (how long will this assessment take)	✓
4. Check with learner for any special needs	✓
5. Explain the re-assessment option - If a Learner is unsuccessful in one assessment item, institute will allow a re-sit Candidate is required to re-take the assessment item and refer to Learner Support if any charges apply - If Learner is unsuccessful in more than one assessment item or fails a major assessment/ exam, he /she need to re - enroll in this course. Refer to Learner Support team for the charge.	✓
6. Explain the Appeal Process	✓
7. Proceed with assessment 1. Project Presentation 2. Review & Feedback	✓
8. Record the start time and end time	✓

9. Assess and record learner's competency for all TSCs	✓
10. Record results in summary record page. *{A candidate is considered competent only when he/she is rated 'C' for all the TSCs.}*	✓
11. Provide learner with a feedback. If he/she is "competent" or "not yet competent".	✓
12. Ensure both the assessor and the candidate signs the following pages - All Assessment Records (Each assessment record represents one assessment item) - Summary of Assessment Records	✓
13. Check and submit completed form to Learning Associate (LA)	✓