



MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO  
DEPARTMENT OF COMPUTER SYSTEMS ENGINEERING

**Progress Report of Final Year Design Project (FYDP)**

**Semester: 8<sup>th</sup> Semester**

**Session: Starting Date to Ending Date**

<b>Project Title:</b>	Automated Radiology Report Generation on Chest X-Ray
<b>Group No:</b>	17
<b>Supervisor:</b>	Dr. Bushra Naz
<b>Co-Supervisor:</b>	

<b>Meeting No.</b>	<b>Date (Week Wise)</b>	<b>Progress</b>
1.		Propose different classification techniques and request assistance for choosing the best optimal one for our project.
2.		Addresses the data imbalance issue and request assistance.
3.		Performance evaluation and fine-tuning of the classification model.
4.		Finalizing deployment pipeline and preparing project documentation.
5.		Integration of OpenAI GPT-4 API for automated report generation.
6.		Discussed the report structure and verification of the report.
7.		Seek assistance regarding application design.
8.		Implementation of Gradio-based user interface for clinician interaction.

Supervisor Signature