

FOREWORD

All praise and gratitude are due to Allah SWT for His grace and blessings, which have enabled the successful completion of this thesis, titled "Image Caption Generator Using Pre-Trained Model and Language Model." This thesis endeavors to present an innovative solution in the fields of image processing and natural language understanding, aiming to contribute to the development of more interactive and accessible intelligent systems.

This topic is addressed against the backdrop of a growing demand for systems capable of automatically describing visual content. The integration of pre-trained models facilitates the extraction of rich features from images, while the utilization of deep learning models is expected to generate accurate and coherent textual descriptions instantaneously.

The author acknowledges that this report is far from perfect. Therefore, all constructive criticism and suggestions are welcomed with open arms for future improvements. The author hopes that this thesis will provide benefits and serve as a reference for readers and subsequent research, particularly in the domains of computer vision and natural language processing.