Declaration of Authorship

This is to certify that the work presented in this thesis titled **"Variational Mathematical Reasoning: Enhancing Math Word Problem Solvers with Linguistic Variants and Disentangled Attention"** is the outcome of the analysis and experiments carried out by Syed Rifat Raiyan, Md. Nafis Faiyaz, and Shah Md. Jawad Kabir under the supervision of Md. Mohsinul Kabir, Assistant Professor, Department of Computer Science and Engineering (CSE), Islamic University of Technology (IUT), Dhaka, Bangladesh. It is also declared that neither this thesis nor any part of this thesis has been submitted anywhere else for any degree or diploma. Information derived from the published and unpublished work of others has been acknowledged in the text and a list of references is given.

Authors:

_____

Rifat

Syed Rifat Raiyan

Student ID - 180041205

_____

Nafis

Md. Nafis Faiyaz

Student ID - 180041101

_____

Jawad

Shah Md. Jawad Kabir

Student ID - 180041234

Supervisors:

Md. Mohsinul Kabir

Md. Mohsinul Kabir
Assistant Professor
Systems and Software Lab (SSL)
Department of Computer Science and Engineering (CSE)
Islamic University of Technology (IUT)

Dr. Hasan Mahmud
Associate Professor
Systems and Software Lab (SSL)
Department of Computer Science and Engineering (CSE)
Islamic University of Technology (IUT)

Dr. Md. Kamrul Hasan
Professor
Systems and Software Lab (SSL)
Department of Computer Science and Engineering (CSE)
Islamic University of Technology (IUT)