Declaration of Authorship

This is to certify that the work presented in this thesis is the outcome of the analysis and experiments carried out under the supervision of Tareque Mohmud Chowdhury, Assistant Professor and co-supervision of Tasnim Ahmed, Lecturer of the 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 it 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 Information derived from the published and unpublished work of others has been acknowledged in the text and a list of references is given.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:

Siana Rizwan

Student ID - 180042105

Farzana Tabassum

Student ID - 18042119

Sabrina Islam
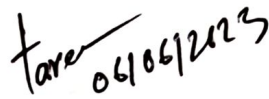
Student ID - 180042122

Approved By:

Supervisor:

Tarek 06|06|2023

Tareque Mohmud Chowdhury

Assistant Professor

Department of Computer Science and Engineering (CSE)

Islamic University of Technology (IUT), OIC

Co-Supervisor:

6/6/23

Tasnim Ahmed

Lecturer

Department of Computer Science and Engineering (CSE)

Islamic University of Technology (IUT), OIC