

Declaration of Authorship

This is to certify that the work presented in this thesis is the outcome of the analysis and experiments carried out by Shehreen Azad, Abdullah Abu Sayed and Noshin Faiyroz under the supervision of Dr. Md Kamrul Hasan, Professor, Department of Computer Science and Engineering (CSE), Islamic University of Technology (IUT), Gazipur, 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 Information derived from the published and unpublished work of others have been acknowledged in the text and a list of references is given.

Authors:

Shehreen

Author 1

Student ID: 170041005

Sayed

Author 2

Student ID: 170041004

Noshin Faiyroz

Author 3

Student ID: 170041018

Supervisor:

Md. Kamrul Hasan

Dr. Md. Kamrul Hasan

Professor

Department of Computer Science and Engineering

Islamic University of Technology