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 Fahim Arsad Nafis, Maysha Afrin Munia, Syeda Mishra Saiara under the supervision of Ashraful Alam Khan, Assistant Professor, S. M. Sabit Bananee and Imtiaj Ahmed Chowdhury, Lecturer, Department of Computer Science and Engineering, 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 Information derived from the published or unpublished work of others has been acknowledged in the text and a list of references is given.

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