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 Mr. Mohammad Ridwan Kabir, under the supervision of Dr. Md. Kamrul Hasan, Professor, Department of Computer Science and Engineering (CSE), Islamic University of Technology (IUT), Dhaka, Bangladesh. It is also declared that neither of this thesis nor any of its part 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 Information derived from the published and unpublished work of others have been acknowledged in the text and a list of references is given.

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