

Intranet, A New Approach For Communication - Green Banking Aspects in Bangladesh Bank

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Abstract

Intranet is the generic term for a collection of private computer networks within an organization. An intranet uses network technologies as a tool to facilitate communication between people or work groups to improve the data sharing capability and overall knowledge base of an organization's employees. It has significantly changed the way of communication of an organization. In this paper a new secured approach" named Intranet" is introduced for inter communications and other different purposes of the employees of Bangladesh Bank (The Central Bank of Bangladesh). It is developed as a Knowledge Management Information Base by sharing and reusing information with a view of right information for right people at the right time. It allows faster access to information and helps the management to make quicker decisions and take actions, thus improving the overall productivity of the organization. BB Intranet has some workflow to handle the day to day activity easily and within short time like, current economic and financial news from different online news source, graph and charts representing the economy of the country organizational phone index, organizational chart, publications, some user interactive flows like survey, question and answer, some workflows such as leave application, document management system, e-noting system, meeting room booking, transport requisition, mailing facility, links to some in house running almost all applications and digital version of paper forms which are used by employees. So BB employee can access personal information (regarding official, educational, training, transfer, posting, promotion, leave, and loan advance) from central database through intranet. After successful implementation of Intranet the central bank has introduced green banking concepts in banking sector in Bangladesh by reducing a huge amount of paper. This paper concludes by giving the remedy of barrier for using intranet system and providing an analysis of the survey results of different public organizations that are currently using intranet system method. Lastly, if such demonstrative prototypes are implemented in everywhere, they can adaptively interface with existing systems, hence attaining the government long term goal of e-governance.

Keywords

Intranet, e-noting, e-Commerce, Knowledge management; Information; Information Technology.

Biography

S.M. Tofayel Ahmad is the Programmer/Assistant System Analyst (Deputy Director) of IT Operation and Communication Department (ICT security and Monitoring wings) of Bangladesh Bank. He joined in Bangladesh Bank in June 2008. He is specialist in conducting onsite and offsite technology risk supervision of different schedule banks and financial institutions. He is also performing internal ICT audit in the Bank. He is also involved in promoting sound IT risk management practices in financial sector and monitoring internal IT landscape and emerging threats. Prior to this role, he is managing the IT security operations in Bangladesh Bank. He is responsible to work as a member of developing ICT policy for schedule banks and Bangladesh Bank. He is the present Vice President and Fellow of "Bangladesh Computer Society (BCS)". He is life member of "Bangladesh Physical (Physics) Society (BPS)" and Associate member of CTO Forum Bangladesh. Before joining in Bangladesh Bank he was a faculty member of Computer Science and Engineering Department of several universities of Bangladesh for more than 5 years. He has written 3(three) text books and 4(four) guide books for Bangladesh Technical Education Board (BTEB) and National University of Bangladesh respectively. He has 15(fifteen) international and national publications (both journal & conference) and some research papers are waiting to be published. He has also reviewed many international/national research papers. He is graduated from the National University of Bangladesh with a degree in Computer Science and Engineering (CSE) and earned his Master's (M.Sc Engineering) degree in Information and communication Technology (ICT) from Bangladesh University of Engineering and Technology (BUET). He is ISMS (ISO 27001:2005) certified lead auditor.

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Munira Jahan is Systems Analyst/Senior Programmer (Joint Director) of Bangladesh Bank, Central Bank of Bangladesh. She is the member of CTO Forum Bangladesh. She is working in Web and Intranet divisions in the department. She has completed her graduation in Electronics and Computer Science from Jahangirnagar University, Savar, Bangladesh and completed Executive MBA from “Bangladesh University of Professionals”. She has been working in Bangladesh Bank’s IT Operation and Communication Department since 2004.

Ayasha Noor is the Programmer (Deputy Director) of IT Operation and Communication Department of Bangladesh Bank. She is working in Web and Intranet divisions in the department. Besides her regular activities she is also working on ABAP Development, SAP ERP System. She joined in Bangladesh Bank in June 2008. She is the member of “Bangladesh Computer Society (BCS)” and Associate member of CTO Forum Bangladesh. She has been completed her graduate and post graduated from the National University of Bangladesh in Statistics and also completed post graduate diploma and Master’s (MIT) degree in Information Technology from Bangladesh University of Dhaka.