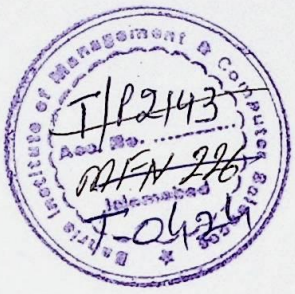
Certificate

We accept the work contained in this report as confirming to the required standard for the partial fulfillment of the degree of MCS in the subject of Computer Science.

Head of Department



Supervisor

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Dedication

To all those teachers who helped me in giving this software a physical existence through their generous help, encouragement and support and specially to my parents
who have always been a source of inspiration for me.

Acknowledgement

The final year project has been a great experience for me. During the course of its duration I have learned a lot. I have been able to apply the knowledge and skills that I have developed during my two and half years of study in Bahria University. However, this effort has not been fruitful without the guidance and support of many people. I would like to thank those, who often despite of their own commitments gave time and effort to help me regarding my work on this project. I am indebted to a large number of people who have helped me in my work. Some of them I would like to mention here are Mr. Yasir Khalid (Software Engineer), SoftSolutions, Pakistan and Mr. Sajid Ali Anjum (Software Engineer), Comcept Pakistan. They had much to tell me about the development stage and were kind enough to give extensive attention and personal help in many ways. Then I would like to thank my **Project Supervisor, Mr. Zikria Mian** for his help, advice and considerations at difficult times which helped this report into its present form.

Declaration

I hereby declare that this software neither as a whole nor as a part has been copied from any source. It is further declared that this software and this report based on the software is developed entirely through my own personal efforts, under the sincere guidance of my supervisor Mr. Zikria Mian. If any part of this software is proved to be copied from any source or found out to be reproduction of any other person's work, I shall stand by the consequences.

Abstract

The project is a complex client/server development that is designed to meet the needs of a file sharing software in web based environment. The project has undertaken all search abilities and sharing searched files to any online user. It evolved the setup of a server which can hear to any request from a user, then process it by doing searching, and when required file found it connect the user with that client to download the file. In this way the server remains free and can process many other requests.

Adding XML database index has enhanced the standard implementation of server. In this way server is not concerned with the space problem, and it only got index of files available at all clients, which takes only few MB of size. The database used is XML that is a new technology, with .NET framework. For web designing ASP.NET is used with VB.NET for scripting purposes. The software is capable of making different directories for each sign up user.

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