



Abu Dhabi Polytechnic

Students' Graduation Project Abstract

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| Department: | ISET | Semester: | Spring-2022 |
| Project Title: | Secure Multithreaded Client/Server Internet Chat System | | |
| Supervisor: | Dr. Nedal Ababneh | | |

Abstract:

Today in every kind of work in the world privacy of the users is the key element that all the application that are providing the services must consider their priority while designing and developing the applications. In these days security in the applications is the real challenge as many hacks and intrusions are reported daily. Most of the current chat or communication applications cannot provide the proper security and privacy to their clients. Many bugs and weakness in the systems provides the chance for the hackers and intruders to steal the information and useful data of the clients due to this the clients cannot rely on these applications while discussing private matters. In these days there is a need of a secure Client/Server messaging application that provides the security and privacy to its users and cannot and will not share the sensitive information to the third-party applications or organizations. This application will allow the users to share information via chat, sending important documents, sharing audios and videos to their family and friends without having a fear of security of the messages or content that is sent. We are very focused on the security of the system and all the content of the system is designed in a way that it will not jeopardize the security and privacy of the system