ABSTRACT

The issue of security is the most paramount issue in the history of computer science, with breachers coming out more frequent then ever and also the rise in the number of attackers this issue has started to affect even more people then if previously used to. These days anything and Everything in either on everyone's mobile phones or on a source which is not distant from internet. In these cases from an account password to any data of national importance is at risk Which leads to the ere of data protection where data in itself is sometimes lesser know for its data and know for its security protocols. Out of many way the only way that have been experiencing a lead in the number of different people using it is "DATA ENCRYPTION" where the motive is to hide the data from everyone buy using any necessary protocol but there are some which are are specially known for its difficulty to crack namely SHA256 and SHA512 these are also called as some or the well know "HASHING" algorithms. There are other different types of methods of hiding the data i.e. using ciphers, etc. However for this specific project we have used some part of hashing and some part of ciphering the data also we have used password to further ensure the security of the data that is been kept also as the topic say split file data encryption we have divided the encoded the file into two parts which means that for decoding this file both of these file and a password will be required ensuring the security to a further deeper / upper level.