# Abstract

This project aims to create a forensic tool capable of preventing data corruption. The existence of data corruption began since the beginning of the automated technologies, And in the world manipulated by virtual information it is necessary for us to secure the information that we have. Information stored virtually are so fragile that in fact a single error or point of failure could cause your information to be corrupted. Data corruptions are something you’ll definitely hated if you’re one of those people who doesn’t do backup or does backup occasionally. The efforts that you’ve inserted and the time allotted for the file or document would gone to waste, and how devastating could the event if it we’re to happen to you? The researches of this paper would want to create a solution on this. And they figure out that the data corruption itself are inevitable since there are external factors that aren’t preventable. As the researchers continue the study, they’ve realized that data corruption prevention aren’t just limited on how could you avoid the event of corruption, but you could minimize or neglect the impact by considering the fact that it’s unavoidable and be always prepared of it.