DHULIPUDI NAGA MONICA

F00420644

CONCORDIA UNIVERSITY WISCONSIN

PROF JACOB HOPPE

ASSIGNMENT – 2 D

CSC 525 DATA SECURITY AND INFO ASSURANCE

**Security Product Problem**

Major online retailers are from china and they are popular in providing bulk of products at a reasonable price. At one point the entire world has turned their attention towards Chinese products till they heard about a series of damages occurred in the mobile phones they manufactured. Due to the use of cheap semiconductor and processor there systems are vulnerable to attacks and this has caused a huge exploitation on the market.

A cheap brand of smart phones carried by major retailers comes pre-installed software with espionage. New phones are loaded with malware and the products bought by the customers explode at times when the battery is over charged or shuts down when it gets too heat. All the products when charged emits heat outside and those ultra-wave frequency are not good for us. Usually we protect our phones by securing them by viruses by updating anti-virus software, whereas here the phone is corrupted from the start and there is nothing that can be done to make it work right.

The security layer is exploited and the system applications are built on top of vulnerable platform. Threats are occurred in the mobile systems and are due to use of cheaper quality components built in the system. There are greater risks caused due to this issue as the phone that user is using might get hacked easily and all his/her sensitive information can be flown to other systems. Information saved on phones and emails are unprotected and in malicious hands of hackers. At one point of time we had buttons on the phone to press and now everywhere you can find touch phones and the products found at cheap prices most of the times are vulnerable and under attack. The specifications found on these mobile phones are the same in number as a costliest phone.

That is one of the reasons why people get attracted to these smart phones and a bulk of these kind of products are brought into market and it is an on-going distribution that ceases the attention of all the users.