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Subject – Information Security

Problem –

Is my mobile phones personal data is secure after connecting it with my smart TV.

Proposed Solution -

To develop a software by which any type of abnormal behaviour of data transfer founds in any application whose permission not given to smart TV then mobile will automatically disconnected from Smart TV and also stop data transferring.

Working and Abstract -

Here I have uploaded a folder with name IS_Prototype. In which the file with name Server.java and Client.java is available. So this is generally a socket programming code in java to create a wireless connection between two devices and also Server side has the authority to create and also disconnect connection if they found any type of interrupt in data transfer. Every time your Smart TV access any application in your phone then a permission is taken by server side which is mobile if user denied due to any abnormal issue of data transfer all connections with you mobile is disconnected by which all data transfer is stopped and your mobiles phones personal data is secure.

How to run -

First of all put IS_Prototype folder on desktop, after that you have to open two cmd window one for server side and another one is for client side in IS_Prototype folder path ([C://Dekstop//IS_Prototype](#)). After that first of all run Server.java on first cmd window to create a network with using command ([javac Server.java](#)) for compilation and ([java Server](#)) for run , your user interface is open now which is mobile screen. After that server will wait for connection for another side. For making connection run Client.java on second cmd window to connect to server with using command ([javac Client.java](#)) for compilation and ([java Client](#)) for run your, now user interface of Smart TV is open, now your server which is mobile and your client which is Smart TV is connected now.