**Information Security Project Proposal**

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**Project Description:**

IP-Tracker is a tool that simply take a website as input and generate a phishing link. That phishing link looks normal; if anyone opens the link his/her Ip will be captured and he/she will be redirected to the website taken as input. This IP-Tracer is developed for Linux based systems. you can easily retrieve Ip address information using IP-Tracer. IP Tracker also is known as IP Tracer will show you not only what is your Internet Protocol Address but will give you also information about IP location of your IP address and other related information to your IP.

**Steps to complete the project:**

1. We are working in python idle for making this software.
2. Then we will import different libraries, Some of the Libraries are Json, urllib2 etc  
     
   **JSON:** Use the import function to import the JSON module. The JSON module is mainly used to convert the python dictionary above into a JSON string that can be written into a file. While the JSON module will convert strings to Python datatypes, normally the JSON functions are used to read and write directly from JSON files.  
     
   **Urllib2:** urllib2 is a Python module that can be used for fetching URLs. It defines functions and classes to help with URL actions (basic and digest. authentication, redirections, cookies, etc) The magic starts with importing the urllib2 module.  
     
   **OS Module:** The OS module in Python provides functions for creating and removing a directory (folder), fetching its contents, changing and identifying the current directory, etc. You first need to import the OS module to interact with the underlying operating system.
3. We will be using API model for developing this Ip Tracker
4. It will ask for Ip address which we want to track  
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5. After that it will give output which will include Country, region, Continent, City, Zip