SIM

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### Practical-01

### Aim:

Testing of the phone number, email id etc. if real by test message. Test whether the information is filtered at point of reception. Test if operator / another person assistance can be obtained and Test whether the information can be planted in form of note / email / Message (Phishing)

**Theory:** A social engineering assessment serves as a crucial evaluation of an organization's susceptibility to human vulnerabilities, recognizing that individuals often represent the weakest link in any comprehensive security strategy. Testing both employees and associated security policies is considered a prudent best practice. One frequently employed tactic in these assessments is impersonation, where malicious actors masquerade as someone of importance or with authorized access to deceive their targets. This impersonation can take various forms, such as personal interactions or communication mediums like phone calls or emails. Additionally, phishing, characterized by deceptive emails claiming to be from legitimate sources, seeks to illicitly obtain personal or account information by redirecting users to counterfeit websites that mimic trustworthy ones. Furthermore, social engineering techniques extend beyond email-based phishing and also encompass smishing, utilizing SMS text messages, and vishing, which involves voice-based phishing over the phone. Particularly prevalent within businesses, vishing incidents involve scammers contacting departments like customer service, HR, or IT and fabricating various pretexts, from mortgage lenders seeking email address verification to executive assistants requesting password changes on behalf of their superiors. These assessments aim to fortify an organization's defenses against such manipulative tactics.

### **Data Collection and Verification:**

As part of the practical project, data was collected from 20 individuals, comprising 5 friends, 5 faculty staff, and 10 random people. The collected data included phone numbers, email addresses, and IP addresses.

## Steps for verifying email addresses using online verification:

- 1] Gather the Email Addresses: Collect the email addresses you want to check for validity.
- 2] Open Your Web Browser: Launch your web browser and ensure an active internet connection.
- 3] Navigate to the Verification Website: Enter the URL of an email verification service in the browser's address bar.
- 4] Access the Email Verification Tool: Find the tool for validating email addresses on the website.
- 5] Enter the Email Address: Type the email address you want to verify into the provided field.
- 6] Initiate the Verification Process: Start the verification, often by clicking a "Verify" button.
- 7] View Verification Results: Check the displayed results indicating if the email is valid or not.
- 8] Repeat for Additional Email Addresses: If needed, repeat the process for other email addresses.

### Steps for verifying mobile number using online verification:

- 1] Access the Service: Go to the EMobileTracker website or platform to access their phone number tracking service.
- 2] Enter Phone Number: Input the phone number you want to track or verify, whether it's a mobile or landline number.
- 3] Retrieve Information: The service will process the provided phone number and retrieve relevant information associated with it.
- 4] Operator Information: EMobileTracker provides details about the operator of the phone number, including information about the telecom company that provides services for that number.
- 5] Owner Identification: The service offers insights about the owner of the phone number, which may include the owner's name, address, and other pertinent details.

### Steps for verifying ip addresses using online verification:

- 1] Access the Service: Visit the Grabify website to access their online tracking and URL shortening service.
- 2] Generate Tracking Link: Begin by generating a tracking link using Grabify's tools. This link will be utilized to track users who click on it.
- 3] Shorten URL (Optional): If you prefer, you can choose to shorten the tracking link using Grabify's URL shortening feature. This can make the link more user-friendly and easier to share.
- 4] Share the Link: After generating or shortening the link, you can distribute or share it with the individuals or entities whose IP addresses you want to verify or track.
- 5] Monitor Clicks: Keep an eye on the tracking link you shared. When someone clicks on the link, Grabify will start tracking their IP address and other relevant information.
- 6] Access Tracking Data: Access the tracking data provided by Grabify. The service will typically offer information about the IP address, location, device type, browser, and more of the user who clicked the link.
- 7] Analyze the Information: Review and analyze the collected data to verify the legitimacy or location of the IP address. This can help you determine if the IP address belongs to a specific individual, organization, or location.
- 8] Repeat as Needed: If you have multiple IP addresses to verify, you can repeat the process by generating separate tracking links for each one.

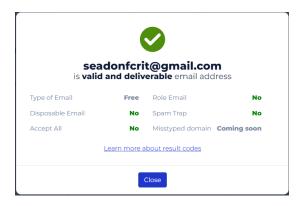
### a. Friends Data:

IP address: Grabify Email: Emaillistverify Mobile no: Emobiletracker

Seadon Kinny:

Email: seadonfcrit@gmail.com Mobile Number: +91 77388 71368







Rishikesh Patil:

Email: rishikeshpatil010203@gmail.com

Mobile Number: +91 83080 17733







Walter Mhapsekar:

Email: fcritwalter@gmail.com Mobile Number: +91 74984 71670

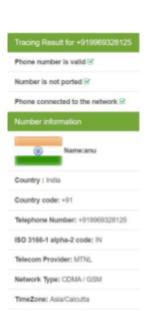






Pratik Shrivastav:

Email: pratikshrivastav20@gmail.com Mobile Number: +91 99693 28125





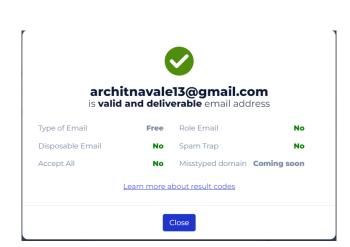
Close

Robin Manickam:

Number: +91 75881 42002

Email: architnavale13@gmail.com



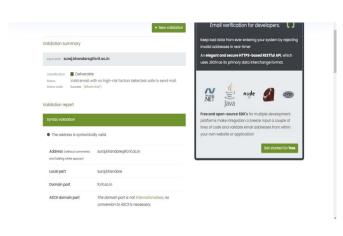


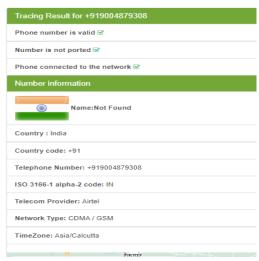


### b. Faculty Staff

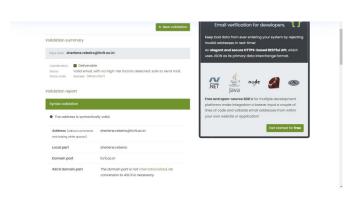
The data of 5 faculty staff members was collected directly from them, with their consent, during the practical. All data provided by the faculty staff was stored securely and treated with confidentiality.

Name: Suraj Khandare





### Name: Sharlene Rebeiro



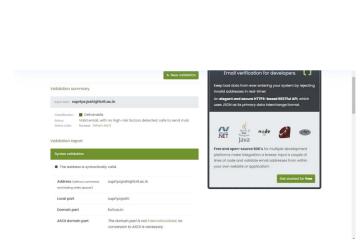


### Name: Neelima Kulkarni



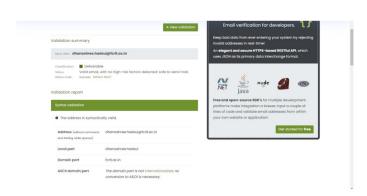


# Name: Supriya Joshi





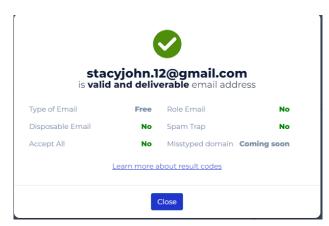
Name: Dhanashree Hadsul

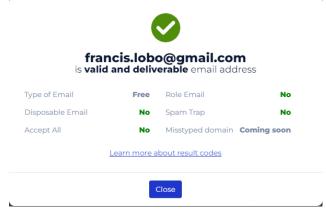


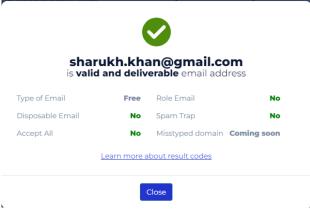


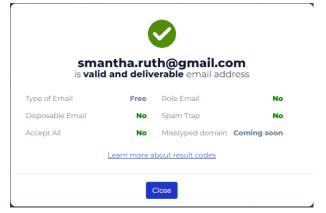
## c. Random People Data:

Data from 10 random people was collected through anonymous surveys, ensuring that no personally identifiable information was disclosed. The collected data was used for analysis purposes only and was not linked back to the individuals.











# avneet.kaur@gmail.com is valid and deliverable email address

Role Email Disposable Email No Spam Trap No

No

Accept All

Learn more about result codes

Misstyped domain Coming soon



# dean.ambrose@gmail.com

is valid and deliverable email address

No

Type of Email Role Email Disposable Email No Spam Trap Accept All Misstyped domain Coming soon No

Learn more about result codes



neevidita@gmail.com is valid and deliverable email address

Type of Email Role Email Free No Disposable Email No Spam Trap Accept All Misstyped domain Coming soon

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# john.ferriera@gmail.com is valid and deliverable email address

Type of Email Free Role Email No Disposable Email Accept All No Misstyped domain Coming soon

Learn more about result codes



aakash.patil@gmail.com is valid and deliverable email address

Type of Email Free Role Email No Disposable Email Accept All Misstyped domain Coming soon

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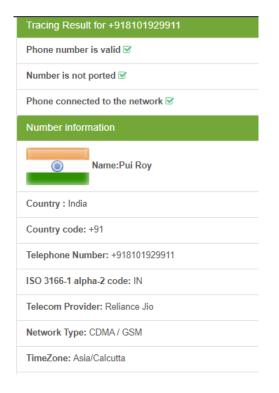
tony.boy11@gmail.com is valid and deliverable email address

Type of Email Free Role Email No Disposable Email No Spam Trap No Accept All No Misstyped domain Coming soon

Learn more about result codes

Close

### **Mobile Number:**





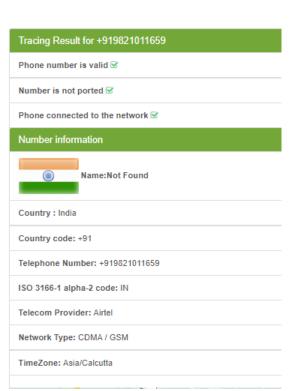




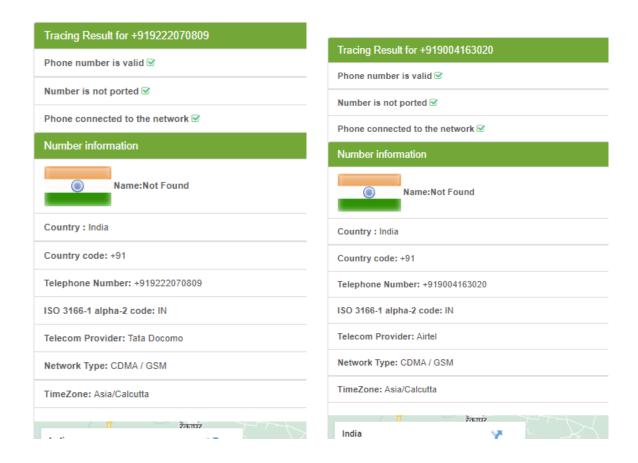
# Tracing Result for +919419320248 Phone number is valid ☑ Number is not ported ☑ Phone connected to the network ☑ Number information Name:Not Found Country: India Country code: +91 Telephone Number: +919419320248 ISO 3166-1 alpha-2 code: IN Telecom Provider: BSNL MOBILE Network Type: CDMA / GSM TimeZone: Asia/Calcutta

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### **Conclusion:**

Collected and verified email and phone number through various website.