

# PHISHING APPLICATION

## Challenges

1. When we deal with SMSing, the first challenge is that sending an SMS needs a sim.
2. The second is customizing the email address to send phishing mail from. For e.g. I want to send an email from sender inotechsolutions@gmail.com or from a CEO or director of inotech MrA@inotech.com.
3. People detect illegitimate emails by the sender email address because people will know that ali@gmail.com seems illegitimate as compared to ali@inotechsolutions.com
4. One major challenge is sending a spoofed email with a spoofed email address wouldn't have DMARC DKIM check enabled. These are security checks, and they will cause this phishing email to go to SPAM folder of user.
5. This is to be hosted on WLAN for everyone to access over the internet.

## Proposed Solution

1. To solve Problem 1: It is better to have an android application on a phone having a sim.
2. To solve Problem 2 & Problem 3: If you already have a purchased company domain then all is good, just make an account with @inotech and use it to send emails but if you don't then it can be a challenge.
3. To solve Problem 4: If we have already purchased domain and a legitimate account created like ali@inotechsolutions.com then that wouldn't be a problem as well.
4. To solve Problem 5: use ngrok to host it, the link would be embedded into our phishing email or SMS.