Pen Testing using MobSF

Requirement of MobSF

- **Windows**
  - Install Git
    - Link: https://git-scm.com/download/win
  - Install Python **3.8-3.9**
    - Link: https://www.python.org/
  - Install JDK 8+
    - Link: https://www.oracle.com/java/technologies/downloads/
  - Install Microsoft Visual C++ Build Tools
    - https://visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=BuildTools&rel=16
  - Install OpenSSL (non-light)
    - https://slproweb.com/products/Win32OpenSSL.html
  - Download & Install wkhtmltopdf as per the wiki instructions
    - Link: https://wkhtmltopdf.org/downloads.html
  - Add the folder that contains wkhtmltopdf binary to the environment variable PATH.

- **Dynamic Analysis**
  - Dynamic Analysis will not work if you use a MobSF inside a Virtual Machine.
  - Install Genymotion or Genymotion Cloud VM or Android Studio Emulator

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Installation of MobSF

- **Windows**
  1. git clone https://github.com/MobSF/Mobile-Security-Framework-MobSF.git
  2. cd Mobile-Security-Framework-MobSF
  3. setup.bat


```
Command Prompt - git  clone https://github.com/MobSF/Mobile-Security-Framework-MobSF.git
Microsoft Windows [Version 10.0.19044.1766]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Parag>git clone https://github.com/MobSF/Mobile-Security-Framework-MobSF.git
Cloning into 'Mobile-Security-Framework-MobSF'...
remote: Enumerating objects: 18514, done.
remote: Counting objects: 100% (85/85), done.
remote: Compressing objects: 100% (66/66), done.
Receiving objects:  18% (3336/18514), 178.21 MiB | 188.00 KiB/s
```

- Before running setup.bat close any opened folders of MobSF or text editors with MobSF opened. Either of these can interrupt the setup by causing permission errors

- For mac or Linux visit https://mobsf.github.io/docs/#/requirements

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<u>Running MobSF</u>

- Windows

   run.bat 127.0.0.1:8000

- Linux/Mac

   ./run.sh 127.0.0.1:8000