CYBERBULLYING

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INTRODUCTION

Monitoring the child activity has become necessary nowadays. A child can be exploited in many ways in social media and it needs to be stopped. We can't force a child to not use these social media but atleast we can limit what type of things he/she is being subjected to. So this project is trying to solve this problem using machine learning by monitoring the child's computer screen.

WORKING OF THE SCRIPT

1. Installation of the Script on the desired computers.
2. Script running in the background captures the screen.
3. Image to text analysis is done.
4. Text is compared with the dictionary created by the parents which is online
5. If any profanity is there then the screenshot of that word containing screenshot is send to the parents.
6. Further text is also compared with the dictionary created by the cyber-police and if there are words related to crime, then it will capture pic from webcam and will send it to them along with IP address and MAC address of the computer and will also provide the backdoor access to that computer.

PLATFORM

Any linux machine with python installed.

SETUP FOR THE FIRST TIME

1. Set up the email-id and path in the script.
2. Install all dependencies written in the script.
3. Use "**python bullying.py**" to run the script.

FEATURES OF THE SCRIPT

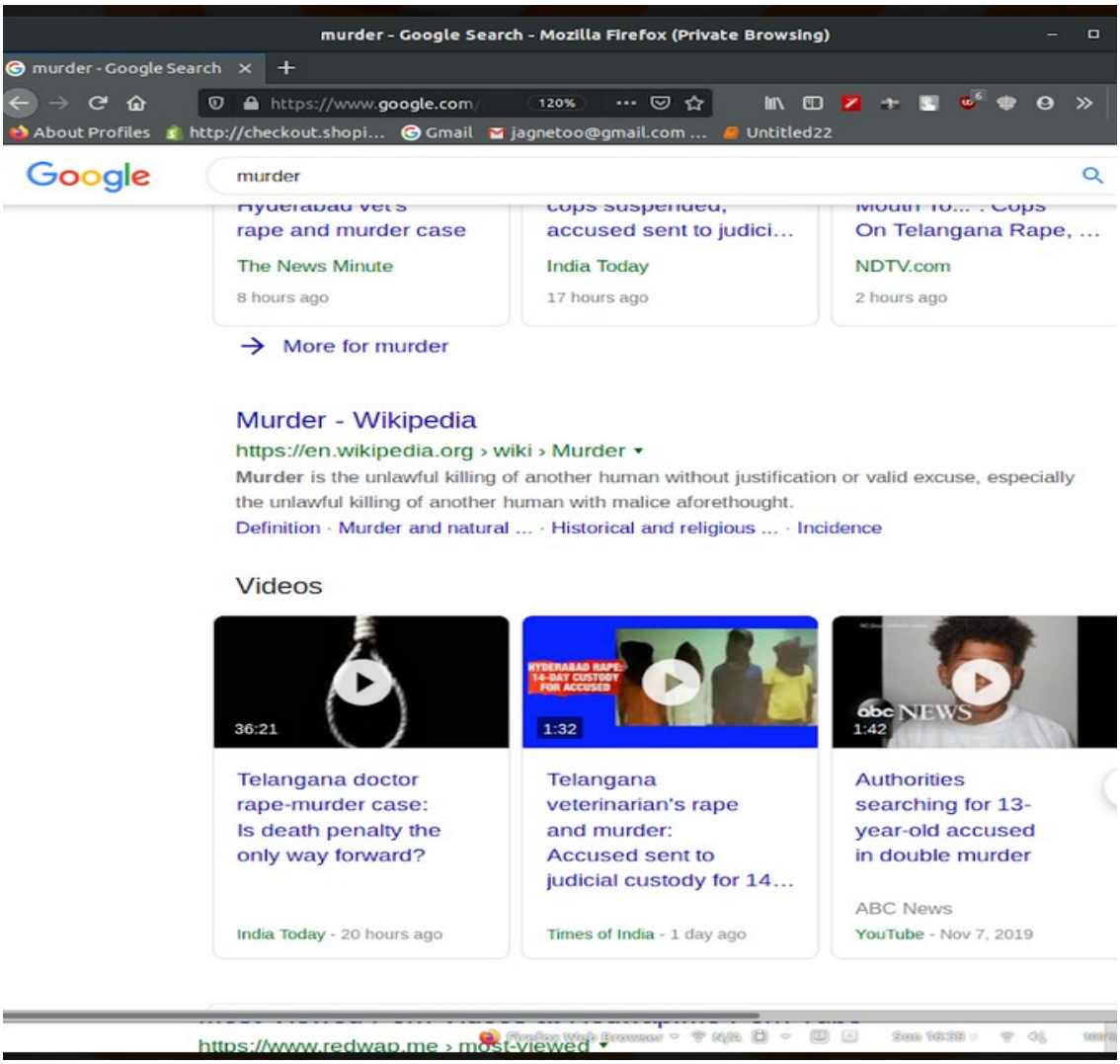
- Light-weight and east to use.
- Real time Monitoring.
- Online editable dictionary

PURPOSES & OBJECTIVES

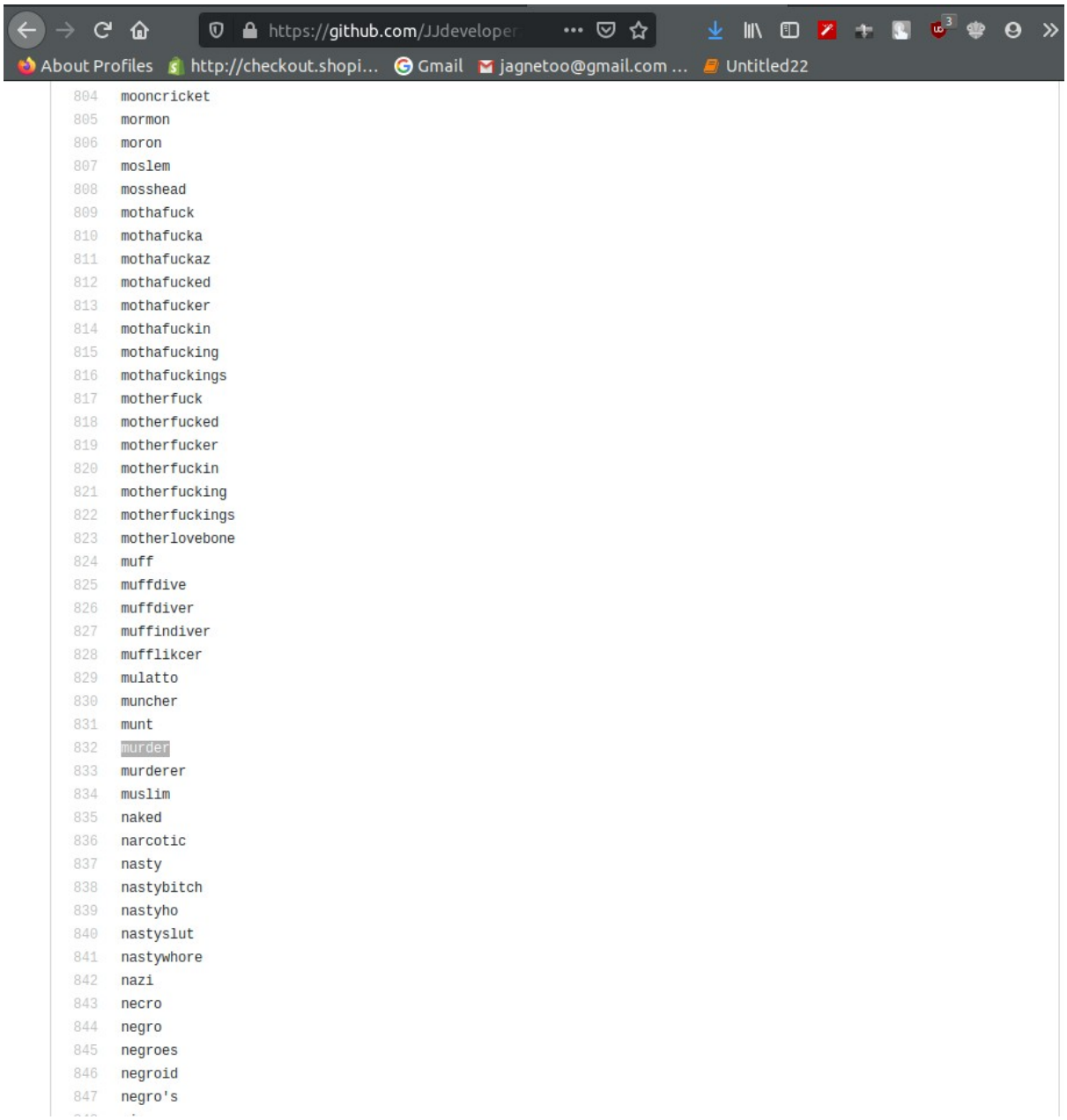
- Teenagers like to explore and this is the main reason you should be keen on what they do online.
- Most parents don’t know of ill-minded people that prey on children online.
- Apart from being on the lookout for people predating on your child being parent also involves controlling how long your child spends on the screen.
- To prevent Cyber Crimes.
- To prevent Cyber- Bullying happening online on various platforms.
- To prevent sexting and child pornography.

TESTING

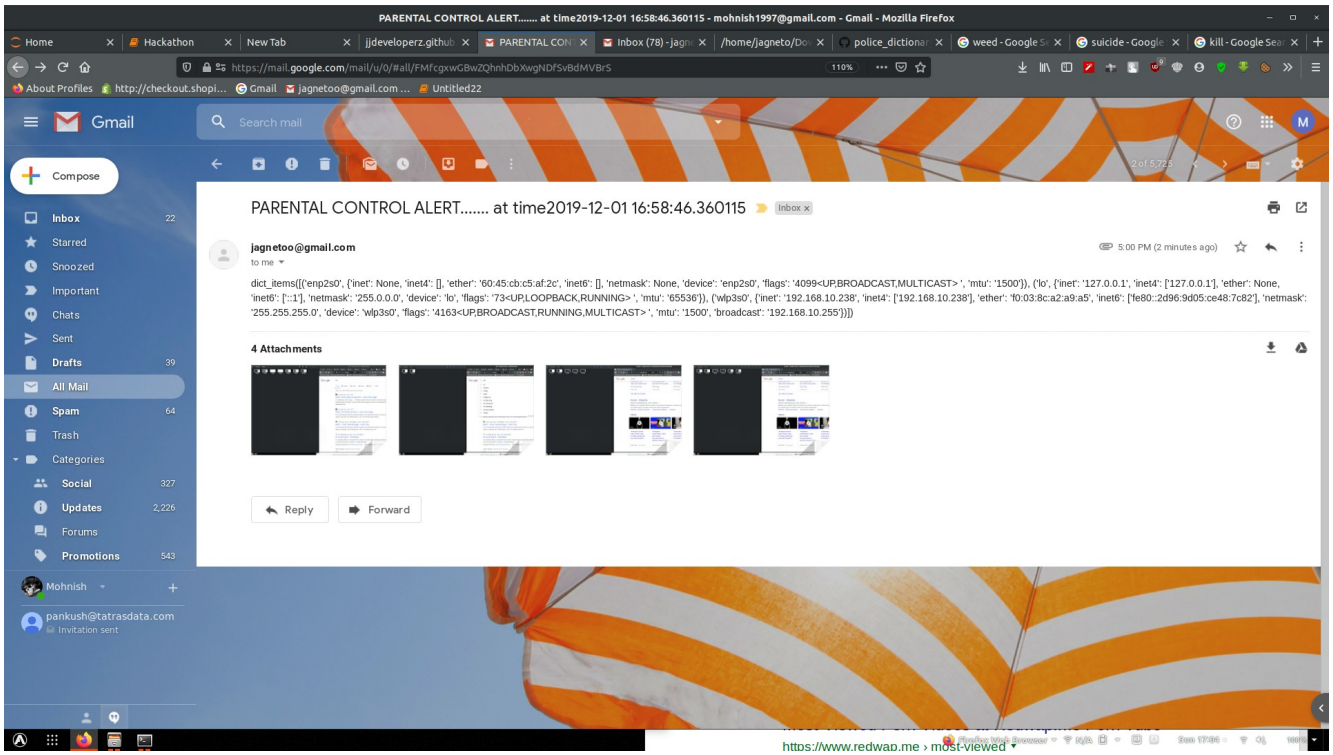
1) Child accessing the web.



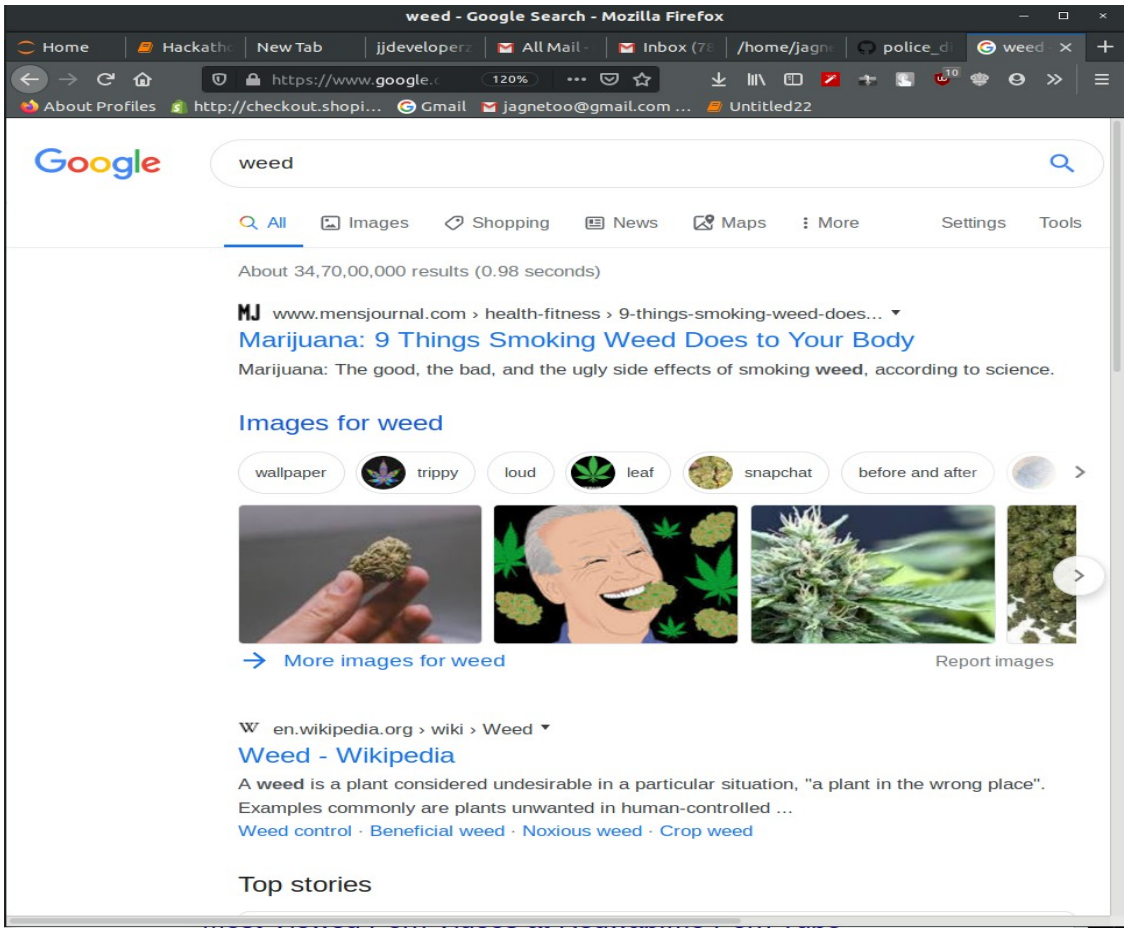
2) Word is contained in the online dictionary



3) Email is sent to the parents



4) Child searching another word



5) Word is compared with police dictionary

18 lines (18 sloc) | 121 Bytes

```
1   Chitta
2   weed
3   bhang
4   nasha
5   weapons
6   asla
7   ak-47
8   abuse
9   terror
10  terrorist
11  terrorism
12  isis
13  isi
14  pakistan
15  drugs
16  hashish
17  hafeem
18  riots
```

6) Police receives the screenshot with front camera pic and IP, MAC address