



MANTHAN
राष्ट्रीय सुरक्षा सर्वोपरि

Solution By: Binary Squad
PSID: INTL-CCR-19
Team Leader: Jeet Undaviya



Idea Introduction



IDEA-OUTCOME – HEADLINE-



Protectnetic - Child Abuse Prevention

Tech Stack	Resources Used	Any Third Party API/Services used
<ol style="list-style-type: none">1. Python / Django2. HTML3. JS/CSS4. Bootstrap	<ol style="list-style-type: none">1. OpenCV2. TensorFlow3. BeautifulSoup4. Selenium5. Tor-socks (for proxy)6. Requests (to scrape websites)	<ol style="list-style-type: none">1. Currently None



To make a website for scraping the dark web website, analyse the content in it and generate a report for the required details in problem statement (psid:INTL-CCR-19) & throw an alert if child abusive content is found on the provided dark web website.

Your Approach Towards Idea



75
Azadi Ka
Amrit Mahotsav

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Approach

To scrape the dark web website, analyse the content in it and generate a report for the required details in problem statement (psid:INTL-CCR-19) & throw an alert if child abusive content is found on the provided dark web website.



We targeted the problem by gathering content about the given domain & analysing its contents & proposed the result based on our research.

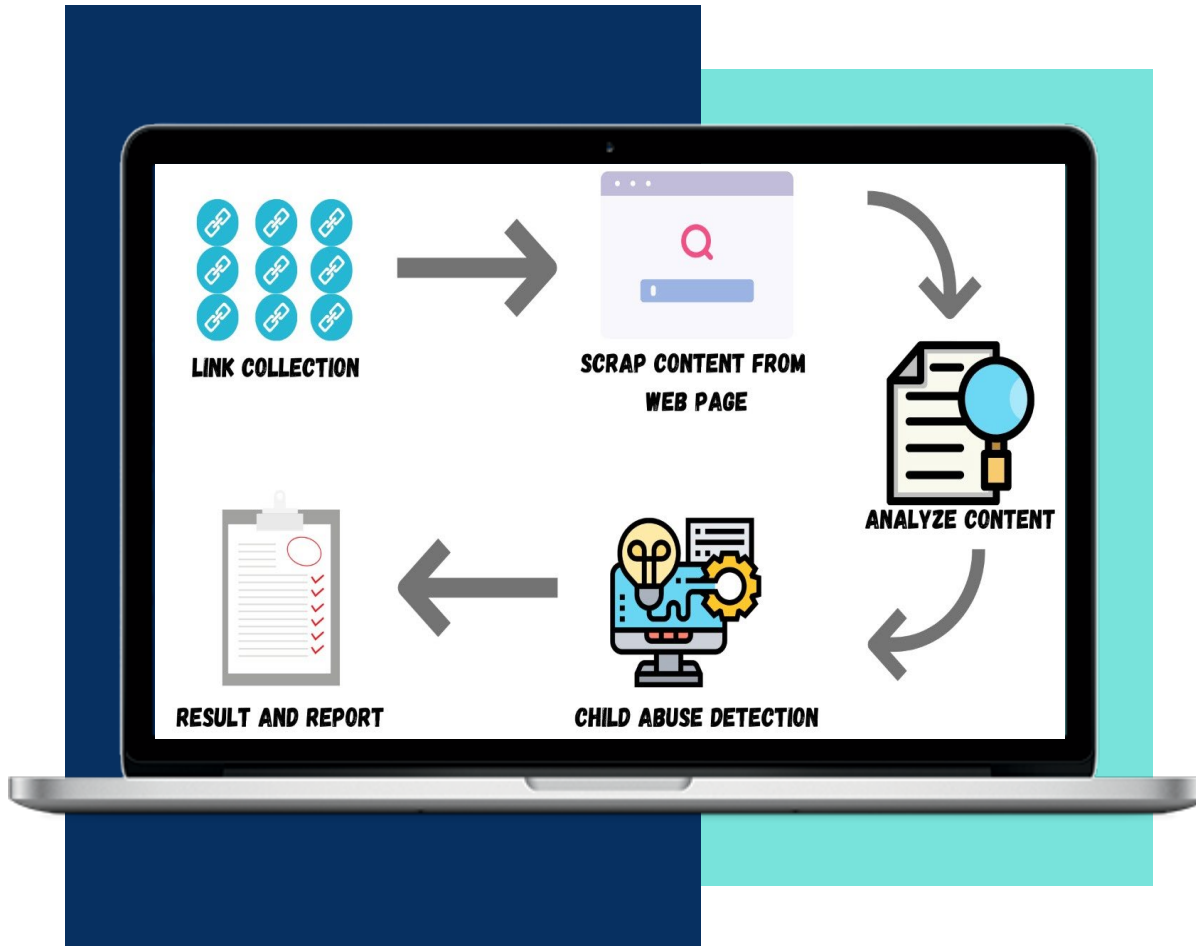


We trained a ML model to detect child abusive content based on scrapped images from the dark web.



Future Enhancements:

To Train a ML model which detects child abusive content based on scrapped html.





Binary Squad



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Amrit Mahotsav



Member 1
Jeet Undaviya
(Leader)



Member 2
Raj Soni



Member 3
Tanmay Damle



Member 4
Meet Sheth



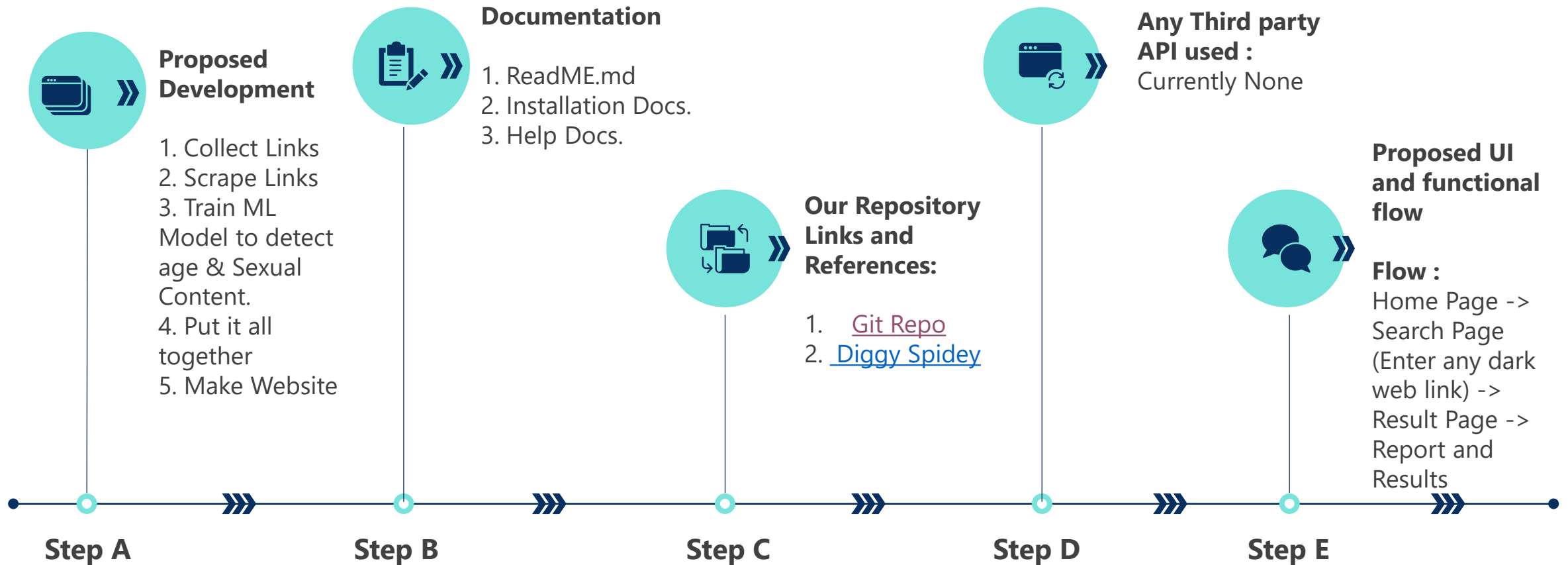
Member 5
Yash Kavaiya



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Development Pipeline





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Vision of Innovation/Idea/Solution

Explain How you developed Idea ?

By researching about dark web & problem statement we figured out what the problem was & brainstormed what can be the possible outcomes to the said problem.



How your idea is different and innovative form other ideas ?

Our Idea involves Image Processing to detect Abusive Content, also we are planning to use NLP to perform sentimental analysis on the scraped data, while other ideas might include different approaches to solve the same problem.

How much time it will take in conversion as a final product ?

– 2.5 Months Tentatively

Any early stage innovation detected while developing the solution ?

Currently None



Thank you for your time!