

Configuration Manual

MSc Research Project
MSc in Cybersecurity

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MSc Project Submission Sheet
School of Computing



Student Name:Diti Majithia.....

Student ID:x22198083.....

Programme:.....MSc in Cybersecurity..... **Year:**2024.....

Module:Practicum.....

Lecturer:Vikas Sahni.....

Submission

Due Date:12/08/2024.....

Project Title: ...Enhancing Cybersecurity Posture through Web-based Automated Google Dorking.....

Word

Count:491..... **Page Count:**6.....

I hereby certify that the information contained in this (my submission) is information pertaining to research I conducted for this project. All information other than my own contribution will be fully referenced and listed in the relevant bibliography section at the rear of the project.

ALL internet material must be referenced in the bibliography section. Students are required to use the Referencing Standard specified in the report template. To use other author's written or electronic work is illegal (plagiarism) and may result in disciplinary action.

Signature: 

Date:12/08/2024.....

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Signature:	
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Configuration Manual

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1 Hardware Used

Development Machine	
Processor	AMD Ryzen 9 5900HX with Radeon Graphics, 3.30 GHz
Installed RAM	16 GB (15.4 GB usable)
System Type	64-bit operating system, x64-based processor
Operating System	Windows 11 Home Single Language, Version 23H2

2 Software Used

Frontend Technologies	Version
React	18.3.1
Vite	5.3.1
Node.js	20.15.0
TypeScript	5.2.2
Tailwind CSS	3.4.4
Visual Studio Code	1.92.0
Yup	1.4.0
Formik	2.4.6

Additional Libraries	Version
@radix-ui/react-popover	1.1.1
@radix-ui/react-slot	1.1.0
@radix-ui/react-toast	1.2.1
@tanstack/react-query	5.50.1
axios	1.7.2
class-variance-authority	0.7.0
clsx	2.1.1
lucide-react	0.400.0
react-cookie	7.1.4
react-router	6.24.0
react-router-dom	6.24.0
tailwind-merge	2.3.0
tailwind-css-animate	1.0.7

Backend as a Service	Version
PocketBase	0.21.3

Deployment
Netlify
PocketHost

3 Installation

Setting Up Frontend:

1. Initialize Vite Project
2. Install Project Dependencies
3. Configure Tailwind CSS
4. Setup ESLint

Setting Up Backend:

1. Download PocketBase
2. Run PocketBase

Deployment with Netlify:

1. Deploy to Netlify

4 Survey

1. Do you come from a Cybersecurity Background?
2. What is your background?
3. If you chose other, please specify.
4. Are you familiar with Google Dorking?
5. If you answered NO to the previous question, here is the explanation for what Google Dorking means.
6. Have you used Google Dorking techniques before?
7. If yes, how often do you use Google Dorking techniques?
8. How would you rate the user interface of Dorkinator?
9. How would you rate the user interface of Investigator?
10. How easy is it to set up and start using Dorkinator?
11. How easy is it to set up and start using Investigator?
12. How would you rate the speed of Dorkinator in executing Google Dorks with comparison to Investigator?
13. How accurate are the search results returned by Dorkinator?
14. How accurate are the search results returned by Investigator?
15. How effective is Dorkinator in finding relevant information compared to manual Google searches and ChatGPT?
16. How effective is Investigator in finding relevant information compared to manual Google searches and ChatGPT?
17. Have you encountered any false positives or irrelevant results with Dorkinator?
18. Have you encountered any false positives or irrelevant results with Investigator?
19. How satisfied are you with the documentation and support resources of Dorkinator?
20. How satisfied are you with the documentation and support resources of Investigator?
21. Did you encounter any bugs or issues while using Dorkinator?
22. If you answered yes to the above question, please specify.
23. Did you encounter any bugs or issues while using Investigator?
24. If you answered yes to the above question, please specify.
25. How would you rate your overall experience with Dorkinator?
26. How would you rate your overall experience with Investigator?
27. Would you recommend Dorkinator to others?
28. Would you recommend Investigator to others?
29. What features do you like most about Dorkinator?
30. What features do you like most about Investigator?
31. What improvements would you suggest for Dorkinator?
32. What improvements would you suggest for Investigator?
33. Any additional comments or feedback?

References

Github Repository: <https://github.com/ditimajithia/Dorkinator.git>

Survey Questions:



Evaluation of
Web-Based Automate