

[< Finish Later](#)

## Submitting project to DevStorm

Describe your project

### Project Name

WHAT ARE YOU CALLING IT?

DarkWeb ASUR (Anonymous System for User Reporting)

### Tagline

WRITE A SHORT, SHARP AND ON POINT DESCRIPTION OF YOUR PROJECT

DarkWeb ASUR: Anonymously report illegal dark web activities with a crypto-proof stake for accountability; valid tips reward the contributor in their crypto wallet.

### The problem it solves

DESCRIBE WHAT CAN PEOPLE USE IT FOR, OR HOW IT MAKES EXISTING TASKS EASIER/SAFER E.T.C  
(MARKDOWN SUPPORTED)

DarkWeb ASUR provides a secure and anonymous channel for users to report illicit activities on the dark web. By incorporating a cryptocurrency-proof stake system, it ensures accountability, making the reporting process trustworthy. Government officials can confidently review tips, distinguishing genuine reports from false ones.

Use Cases:

Anonymous Reporting: Users can securely submit tips on illicit activities without fear of reprisal.

Incentivized Reporting: The cryptocurrency proof of stake system encourages users to provide accurate information.

Government Oversight: Officials gain a reliable tool to monitor and act on valid reports, enhancing cybersecurity efforts.

Trust and Accountability: The blockchain-backed proof of stake adds a layer of accountability, minimizing false reporting and fostering a safer digital environment.

Only Approximately 6.7% of global users use the dark web for illicit activities such as sharing malware, distributing child abuse content, or selling illegal substances or weapons. Tor counts a whopping two million active users in 2022.

So types of darkweb users willing to use our portal include: Whistleblowers, Ethical Hackers, White Hat Hackers, Competing Criminals, Skilled Journalists, Privacy Advocates, Cryptocurrency Enthusiasts, Extremists, Government Agencies, etc.

(NOTE: If you wish to see how the tips will be visible to a govt official, login with govtofindia@gmail.com and 111111.

the login credentials are just representative and in a real scenario won't have so simple password)

## Challenges we ran into

**TELL US ABOUT ANY SPECIFIC BUG OR HURDLE YOU RAN INTO WHILE BUILDING THIS PROJECT. HOW DID YOU GET OVER IT? (MARKDOWN SUPPORTED)**

We faced many challenges while the development.

Since our project involved cyptocurrency and digital contracts. we had to simulate that using a testnet crypto called Sepolia Testnet. we faced a lot of issues in successfully integrating that with out project.

Also, we had never done deployment before using digital contracts and authentication so we faced a lot of challenges on how to deploy it with all the functionalities.

## Technologies we used

**WRITE A COMMA SEPARATED LIST OF TECHNOLOGIES YOU USED IN BUILDING THE PROJECT.**

Solidity      Sepolia Testnet      Next.js      Node.js      Moralis      Firebase      Vercel

## Links

**ADD LINKS TO GITHUB, WEBSITE, APP STORE E.T.C OR WHEREVER THE PROJECT CAN BE TESTED LIVE**

<https://dwebasur.vercel.app/> ×

<https://github.com/punyamsingh/dark-web-asur> ×

<https://replit.com/@PunyamSingh/dark-web-asur> ×

Paste or type a link (e.g. <https://devfolio.github.io>) and then press 'Enter'

# Video Demo

ADD LINK TO VIDEO DEMOING THE FUNCTIONING OF THE PROJECT. OR, [RECORD ONE USING LOOM](#)

Paste or type link here

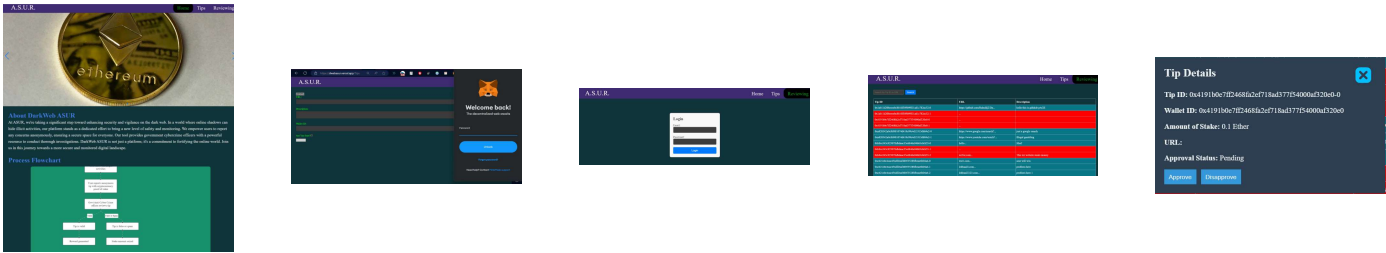
# Cover Image

UPLOAD A COVER IMAGE TO SHOWCASE A GLIMPSE OF YOUR PROJECT TO THE WORLD (SIZE: MAX 1MB, RECOMMENDED DIMENSIONS: 1200X630).



# Pictures

UPLOAD A MAXIMUM OF 5 PICTURES (SIZE: MAX 1MB EACH) SHOWCASING YOUR PROJECT.



# Logo

UPLOAD A LOGO TO REPRESENT YOUR PROJECT (SIZE: MAX 1MB)



Select platforms this project is built for

☐ Web☐ Android☐ iOS☐ macOS

### Applicable Tracks

Please only select the sponsor tracks or prizes that are related to your submission. A complete list can be found on [the hackathon microsite](#).

☐ Ethereum Track☐ Ethereum + Polygon Track☐ Replit

BRIEF DESCRIPTION ON HOW YOUR PROJECT FITS INTO REPLIT TRACK

We used Replit for quickly starting, sharing, and developing our project.  
we were initially using VSCode, but later found Replit to be much more easy to use.  
we wanted to deploy it there but needed a premium account.



### Preview Submission