Dark Patterns Buster Hackathon

DPBH-2023

Organized by

Department of Computer Science

Ram Lal Anand College

(University of Delhi)

(NODAL CENTRE FOR DPBH-2023, ROUND - 2)

Dark Patterns Buster Hackathon

Dark Patterns Buster Hackathon is a pioneering initiative aimed at equipping students with a platform to combat deceptive design practices in the digital world. Our mission is to foster a culture of ethical innovation and problem-solving, addressing the pressing issues we encounter in our online experiences. In this inaugural edition of DPBH 2023, we're dedicated to nurturing out-of-the-box thinking and innovation in the young minds of students from every corner of India. Join us as we work together to unmask dark patterns and transform the way we interact with technology.

Organizing Committtee

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Dark Patterns Buster Hackathon (DPBH2023) is a pioneering initiative aimed at challenging students to ideate strategies and solutions to combat deceptive design practices in the e-commerce digital platforms. The mission behind DPBH-2023 is to foster a culture of ethical innovation and problem- solving, addressing the pressing issues we encounter in our online e-commerce experiences. This hackathon is a join initiative of Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India and IIT (BHU), Varanasi is the implementation agency for this nationwide event. Find more at:

https://doca.gov.in/DarkPatternsBusterHackathon/ ttps://dpbh2023.in/

The problem statement:

Design and prototype innovative app or software-based solutions that can detect the use, type, and scale of dark patterns on e-commerce platforms

Desirable functionality to deliver:

Detect & Flag:

- False Urgency
- Basket sneaking
- Confirm shaming
- Forced action
- Subscription trap
- Interface interference
- Bait and switch
- Drip pricing
- Disguised advertisement
- Nagging

Desirable technologies & features:

- Generative AI and LLMs for detection of Dark Patterns
- Central or Distributed Repository Management
- Patterns Detection Accuracy
- Data Transparency Compliance
- Data Collection with Privacy Protection
- Cross-Browser Compatibility
- Pattern Versioning
- Crowd sourced Pattern Identification Performance Optimization
- Friendly Extensions, Plugins, Mobile apps, etc.

Details on the above are available at https://dpbh2023.in/problem-statement.html

Important Dates:
Round 1: Team Registration
Last Date January 20, 2024(Extended)

Round 2: Internal Hackathon at Nodal Centre January 21 – 31, 2024

Round 3: Grand Finale at IIT (BHU), Varanasi Feb.17, 2024

Round 4: Prize Distribution at Vigyan Bhawan , New Delhi

Latest update on Important Dates:

https://dpbh2023.in/index.html

Registration Link:
https://forms.gle/ic9gtFFSrMj5zzLH6

Or Scan QR to Register

Important Guidelines for Team Participants:

For participation, all team leaders must register for Round 1, by submitting their team details along with a one page abstract on the solution being proposed, before the due date. There may be screening after round 1. The shortlisted teams shall register for Round 2 by submitting detailed proposals, codes, apps, documentation, demo video, tutorials etc. about their proposed solution, three days before the date of Round 2 final presentations before the esteemed Jury at the Nodal Centre. Only 2-5 best teams may be nominated by the Nodal Center to participate in Round 3 Grand Finale at IIT (BHU), Varanasi. Certificates of participation,appreciation, achievement will be given to the participants of Round 1, 2, and 3, respectively.

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