Dark Patterns Buster Hackathon (DPBH-2023)

Round 3 Grand Finale @ IIT(BHU), Varanasi
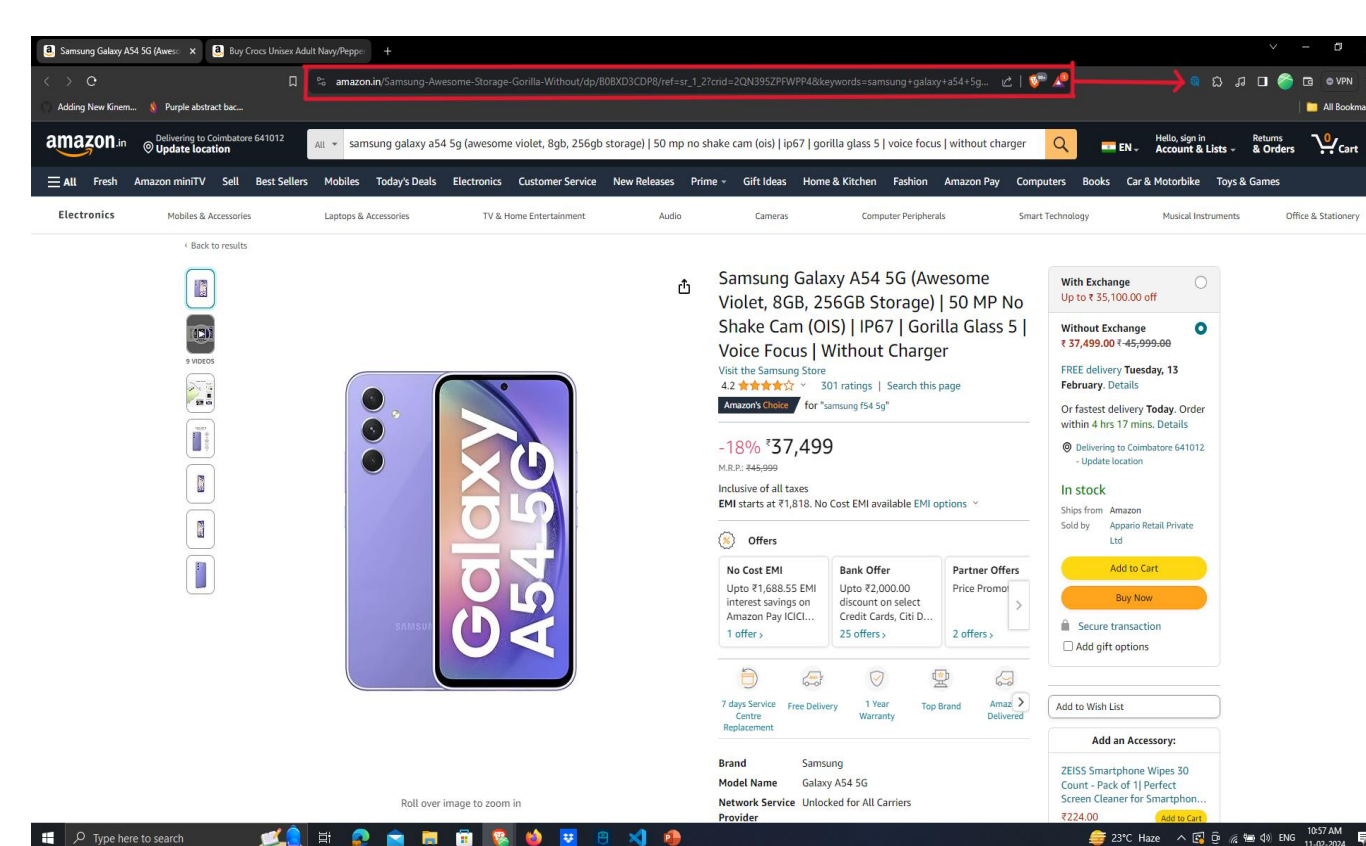
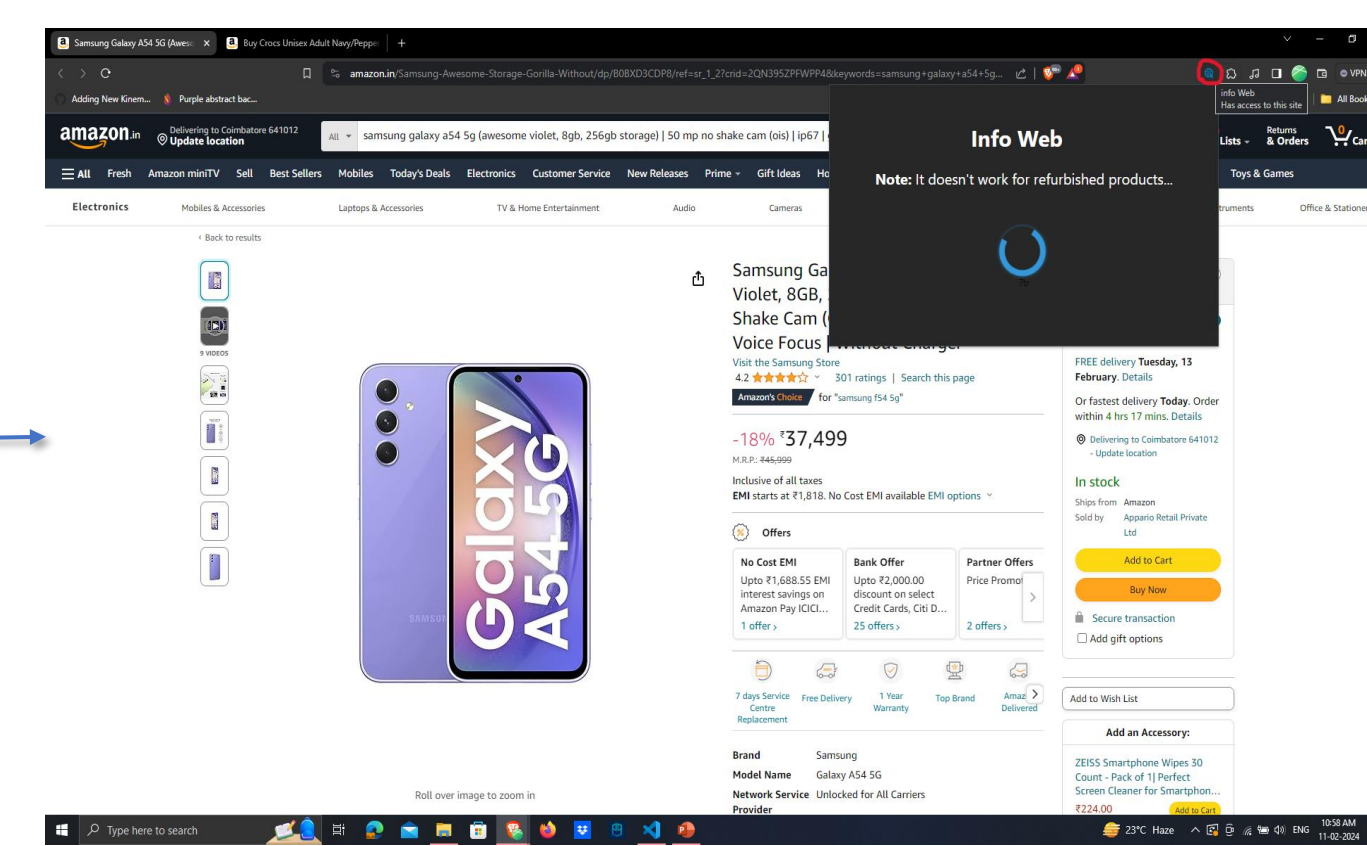### (Feb.17, 2024)

CODE WIZARDS

Andrew William Staines M
Boobathi Raja K M
Dharshan S
Brindha S
Dhivya V
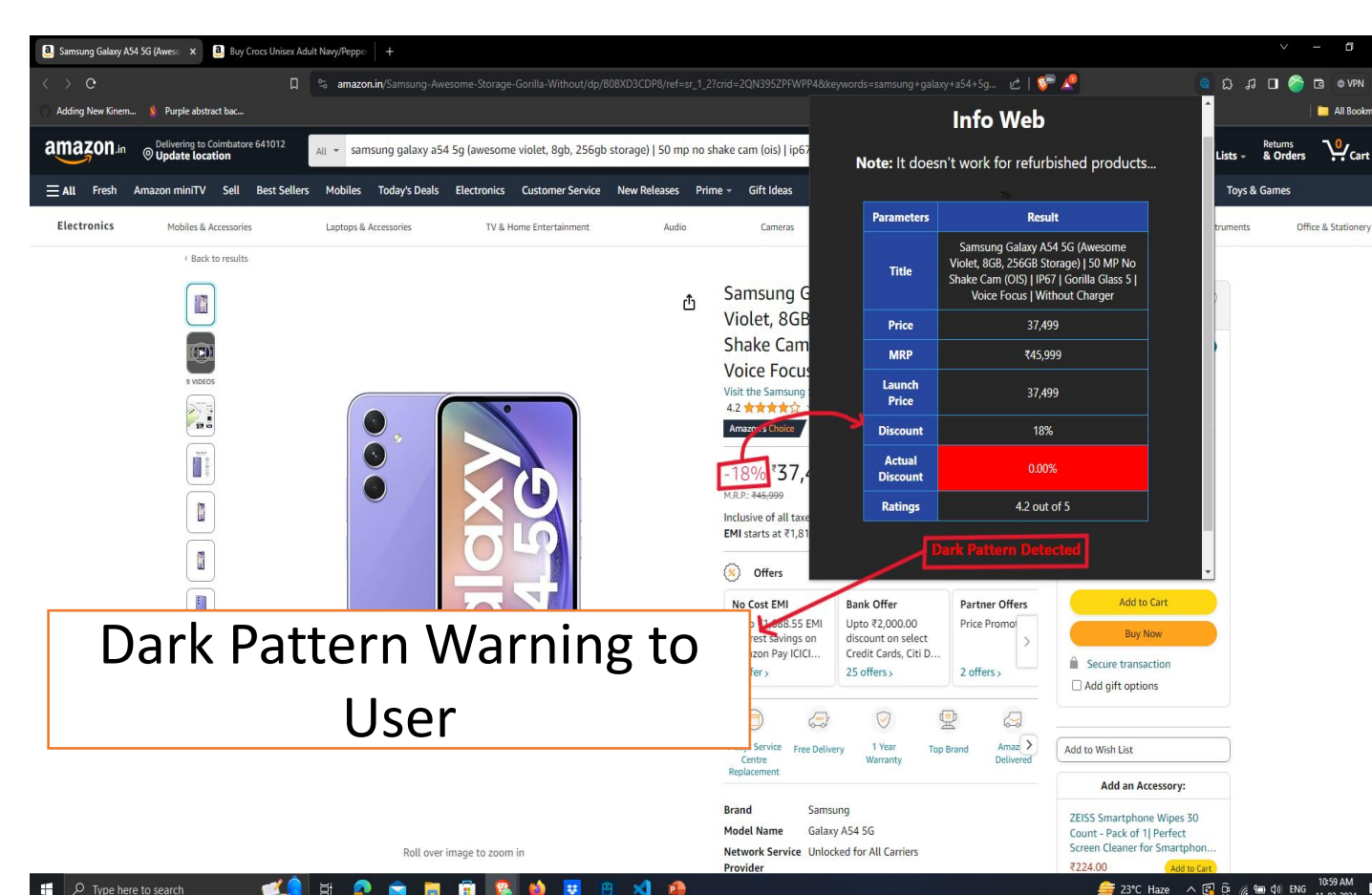
Kongu Engineering College

Detection of Current Tab Link for Extension

Scraping of Data

FEATURES :
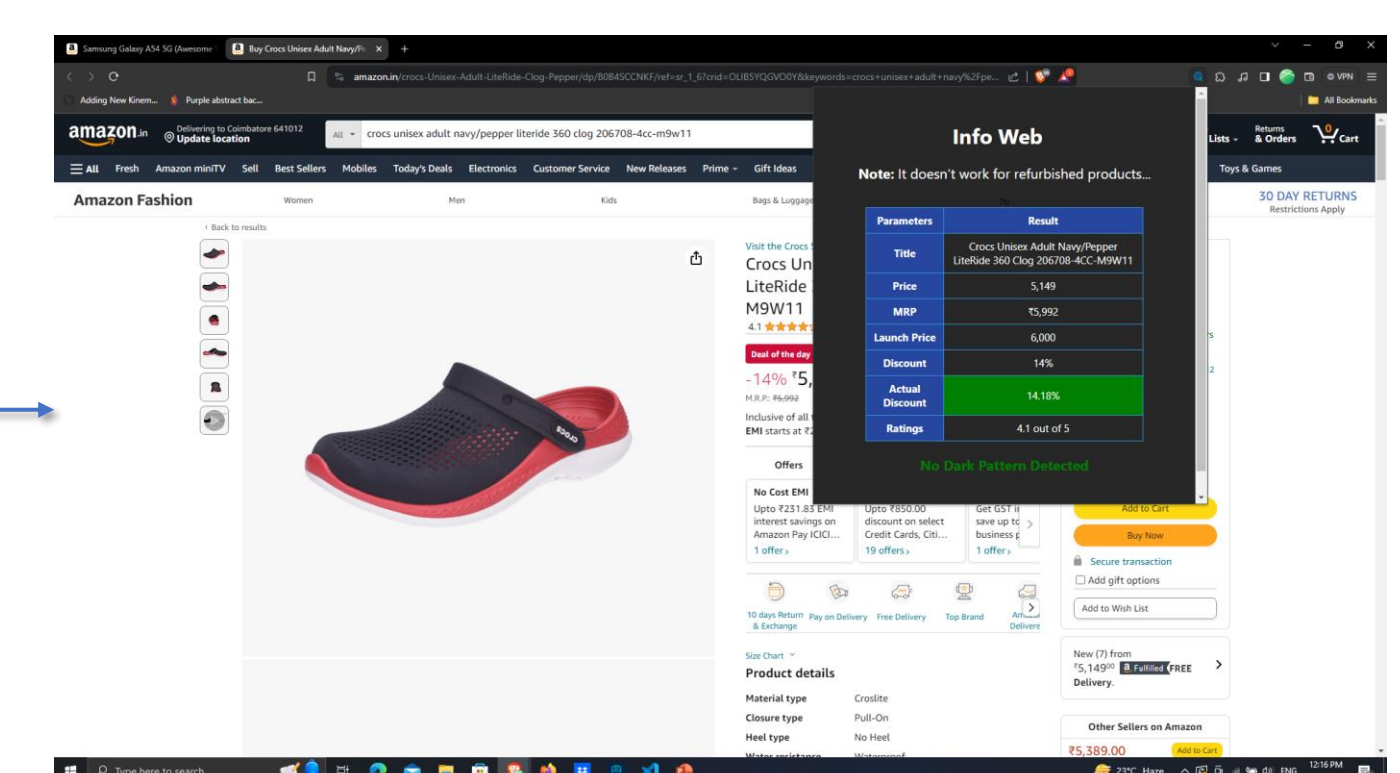- Easy to access with just a click
- Real-time validation of offers

TECHNOLOGIES USED

HTML | CSS | Python | Scrapy

Detection of Dark Pattern
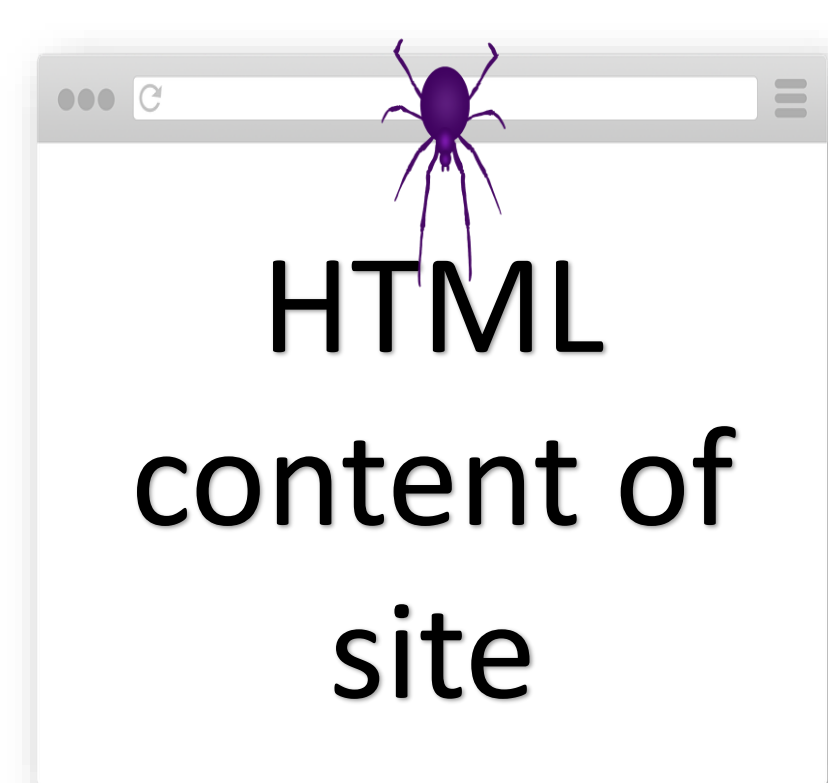
Dark Pattern Warning to User
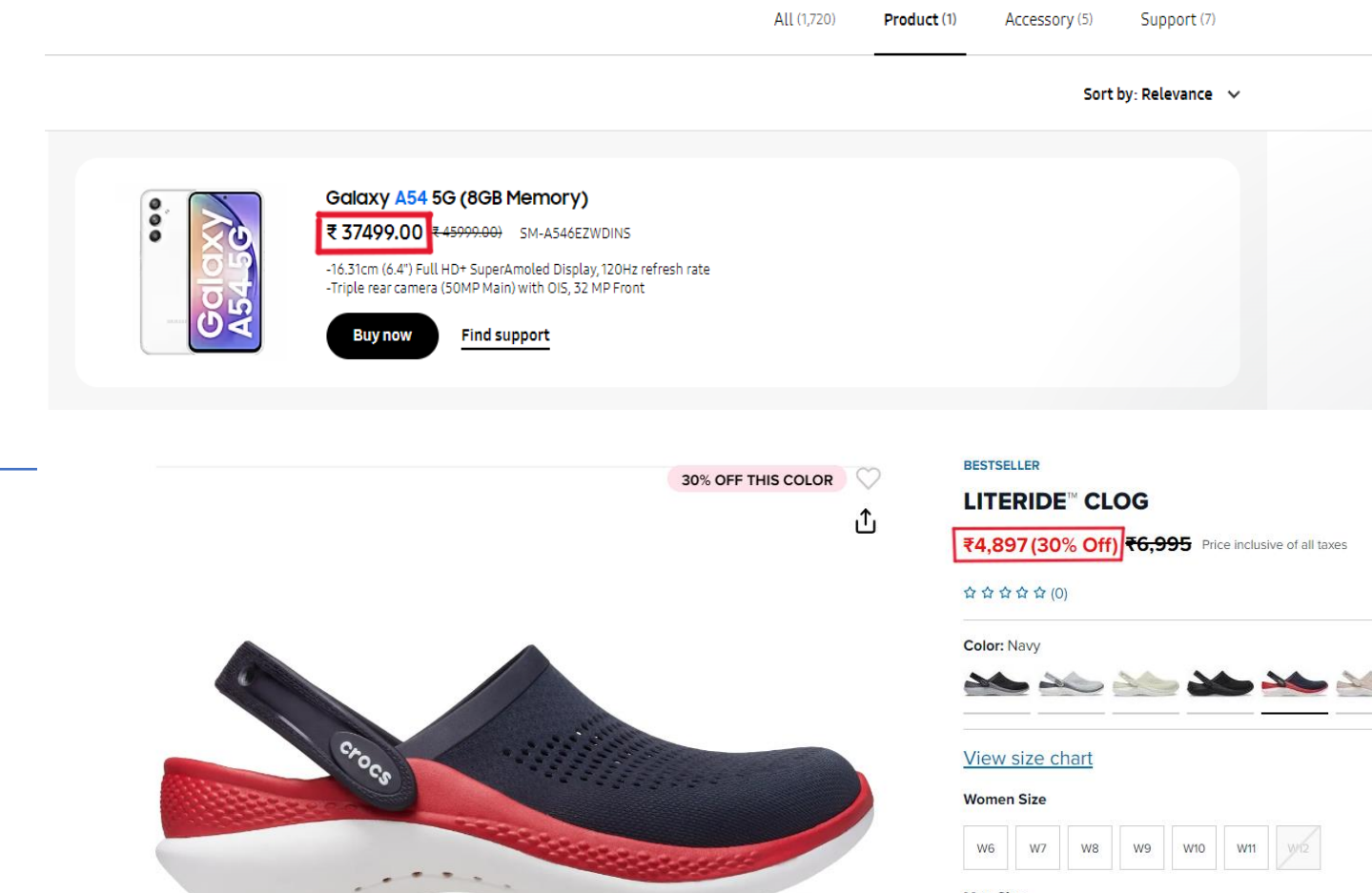
Verification at Backend with Official Sites

Backend Scrapping :

HTML content of site

After crawling and extracting

OUTPUT

XPath

ALGORITHM:

Scrapped Price → Calculating the offer → Verification with scrapped offer → Detection of Dark Pattern

Official Site Price → Calculating the offer

Flow Chart :

Tab URL → Send To Scrapy Framework → Spider Scrapes the required Data → Verification with the dataset → Detection of Dark Pattern