Top 10 Bugs and defects

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| S No | Problem | Impacts | Commends |
| 1 | Massive personal data breach of T-Mobile customer through mobile carrier’s security system | The breach was able to access and steal the data of more than 50 million customers. | T Mobile should improve the security protocols. |
| 2 | Adding a message feature to help companies to communicate with clients and partners. | - abusive or harassing messages  - getting spammed with email invites. | Check if both users are following and can dm them. Filter the abusive message. |
| 3 | On May 3, TikTok faced a technical issue that caused follower counts to reset to zero and disrupted app access for users. To address the problem, users trended the hashtag #tiktokDown, calling on TikTok to restore their accounts and resolve the issue. | There could be several possible reasons for glitches. It might have been due to a software update, server overload, or a malfunction in the third-party Api used to collect data | A solution could involve implementing enhanced software testing and a robust incident response plan to detect issues early and communicate effectively with users during outage. |
| 4 | The 2021 colonial Pipeline cyber-attack severely disrupted fuel supply across the East coast, causing gasoline shortages and price spikes. Hackers infiltrated the network and demanded a ransom, which led to widespread operational disputing | The attack was made possible due to the absence of multifactor authentication on a virtual private network account. This allowed hackers to exploit compromised credentials and gain unauthorized access to the network | The attack was enabled by the lack of multifactor authentication on a virtual private network account, which allowed hackers to use compromised credentials to breach the network |
| 5 | The Toshiba tech group faced a ransomware attack from the dark side hacking group, which threatened to expose customer data and demanded a ransom | The attack happened because of inadequate security measures that did not prevent unauthorized access, allowing the hackers to exploit system vulnerabilities | Toshiba should strengthen its cybersecurity by implementing robust measure sysch as advanced threat detection system, security audits and employee training to recognize phishing attempts and other attack vectors |
| 6 | Raven software had to remove a newly introduced pre match lobby loadout selection feature in call of duty warzone due to significant bugs. These issues provided some players with unfair advantages and disrupted overall gameplay | The glitches resulted from insufficient testing of the new feature, which failed to identify critical issues. These included payers spawning with customized loadouts and triggering an infinite dead silence effect | Raven software should adopt more rigorous testing protocols including extensive beta testing with diverse user groups to identify and resolve potential issues before launching new features |
| 7 | England national health service experienced a four-hour outage that impacted both its app and website preventing users from verifying their covid vaccination status and causing significant disruption for travelers | The outage likely caused by system overload or failure in the centralized, which was unable to handle the demand during a critical period | The NHS should consider decentralizing its systems to enhance resilience and implement load testing and redundancy measure to ensure service continuity during period of high demand |
| 8 | Tesla recalled nearly 12,000 vehicles due to a glitch in its Full-Self Driving beta software that caused false forward collision warnings, leading to sudden automatic emergency braking and increased risk of rear-end collisions. | The issue starts from a communication error within the 10.3 Full-Self Driving beta software, which triggered incorrect warning and applied for the unnecessary braking | Tesla should enhance its software testing and validation processes, and real-world scenario testing, to catch potential glitches before updates are rolled out, ensuring vehicle safety. |
| 9 | The Log4j vulnerability has exposed millions of web servers to potential exploitation by hackers, posing a severe threat to organizations worldwide due to its widespread use in critical systems. | The issue stems from a vulnerability in the log4j logging library, which allows attackers to execute code by manipulating log messages. | Organizations should test internally to avoid defects. It should immediately make the patch to rectify the issue. |
| 10 | Grand Theft Auto – The Definitive is have several bugs and graphics of the npc is very terrible | The old game is a remake of graphics, but it has several bugs. | It should test before release of game by the internal team to avoid bugs. |