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TECHNICAL COMMITTEE

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WELCOME TO DIGITAL AND TECHNICAL WORLD



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01 SpaceX Has Launched 32 Satellites in 2022 for Starlink Mission, Breaks Annual Launch Record -

Elon Musk's SpaceX on 22nd July 2022 broke its record for the number of rockets launched in a calendar year, topping last year's slate of 31 missions amid a whirlwind campaign to launch its own internet satellites into orbit. SpaceX's 32nd launch of 2022 using its workhorse Falcon 9 rocket comes as the company races to build a constellation of broadband satellites called Starlink, a largely consumer-based service with hundreds of thousands of internet users



Source- <https://gadgets360.com/science/news/spacex-starlinkmission-32-launch-satellite-2022-breaks-annual-record-elon-musk3185810>

02 The new Google Wallet is now available to all users

Google Wallet app is available to all customers now, shortly after people in 39 countries started seeing it available on their phones. Google Wallet's official rollout is the latest step in the long history of Google's payment app variations. The company combined Google Wallet and Android Pay in 2018 to create Google Pay, a single app that included tap-to-pay, tickets, and loyalty programs under one umbrella that worked across Android and Google Chrome. In 2020, Google Pay had a big app refresh to pull in peer-to-peer payments, deals, and other services. Google announced Wallet's comeback for payment cards, airplane tickets, government IDs, vaccination proof, and even car keys. Users will be able to use the app to pay at vendors where Google Pay is accepted.



Source- <https://www.theverge.com/2022/7/20/2327030/google-wallet-return-android-payment-cards-keys-id>

03 Google plans to test AR glasses in public from August to 'help users'

With an aim to help users, tech giant Google has announced that it is planning to test augmented reality (AR) glasses in public beginning from August 2022. The company said it will begin smallscale testing in public settings with AR prototypes worn by a few dozen Googlers and select trusted testers. These prototypes will include in-lens displays, microphones and cameras but they will have strict limitations on what they can do.



Source- <https://www.businessstandard.com/article/technology/google-plans-to-test-ar-glasses-in-public-from-august-to-help-users-1220720006431.html>

04 Meta reveals India's pet icons across categories ahead of Emoji Day



Source- <https://www.businessstandard.com/article/technology/meta-reveals-india-s-pet-iconsacross-categories-ahead-of-emoji-day-1220715008081.html>

The world celebrated emoji day on July 17, 2022. The rise of visual-based communications has led to a new vocabulary of emojis and GIFs, which is making us more expressive than ever before. There is an emoji with just the right expression for every emotion we go through, helping us to communicate better.

05 Elon Musk abandons deal to buy Twitter

Elon Musk announced on 8 July, 2022 that he will abandon his tumultuous \$44 billion offer to buy Twitter after the company failed to provide enough information about the number of fake accounts. Twitter immediately fired back, saying it would sue the Tesla CEO to uphold the deal.



Source- <https://indianexpress.com/article/technology/technews-technology/elon-musk-twitter-deal-terminate-8018254/>

06

Instagram will now let you shop directly from chats

Instagram will now let users make purchases directly from chats, also known as Direct Messages (DMs), on the platform. The company made the announcement in a blog post. The Meta-owned platform noted that select qualified small businesses would support the feature. Once an order is placed via a chat thread, the user will be able to make payment, track the order, etc all from the same thread.



Source - <https://indianexpress.com/article/technology/technews-technology/instagram-will-now-let-you-shop-directly-fromchat-8038035/>

09

Bengaluru University to Build Student Satellite with IoT Payload

The M S Ramaiah University of Applied Sciences (MSRUAS) will build a student satellite "Ramaiah Sat" coinciding with 'Azadi Ka Amrit Mahotsav' to commemorate 75 years of Indian independence. The MSRUAS under Gokula Education Foundation (medical) on Tuesday signed a Memorandum of Understanding with Indian Technology Congress Association (ITCA) to develop and build the nano satellite which will be launched in August 2022. The 300-gm satellite costing Rupees one crore will be built under the monitoring of Indian Space Research Organisation (ISRO) and with the help of ITCA which is the nodal agency for building 75 students satellite mission.



Source - <https://indianexpress.com/article/technology/technews-technology/instagram-will-now-let-you-shop-directly-fromchat-8038035/>

Mark Zuckerberg to face deposition over Cambridge Analytica scandal



Mark Zuckerberg, CEO of the Facebook parent company Meta, will face a six-hour deposition over the way the company handled user data relating to the Cambridge Analytica scandal, according to new court filings. The deposition comes as part of a lawsuit filed in a California court on behalf of Facebook users impacted by the platform's partnership with Cambridge Analytica, a consulting firm accused of manipulating user data.

Source - <https://www.theguardian.com/technology/2022/jul/20/markzuckerberg-deposition-cambridge-analytica-facebook>

07

Dr Robot, made in India, will now perform surgeries at this cancer hospital



The Rajiv Gandhi Cancer Institute and Research Centre in Delhi on July 14 2022 installed the first-ever 'Made-in-India' surgical robotic system. After two pilot projects wherein Sudhir Rawal, Medical Director, RGCI, and his team successfully performed 26 surgeries with the surgical robotic SSI Mantra, the robot is now ready to provide an advanced method of surgery, which will be accessible to the general public at a much lower cost, said the hospital.

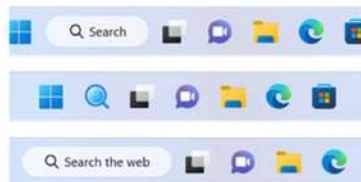
Source - <https://www.businessinsider.in/science/health/news/drrobot-made-in-india-will-now-perform-surgeries-at-this-cancer-hospital/articleshow/9289049.cms>

10

08

Microsoft starts testing new Windows 11 taskbar UI changes

Microsoft is experimenting with new UI changes to the Windows 11 taskbar. The software giant is testing out bringing back the familiar search bar from Windows 10, alongside notification badges for the Widgets section in Windows 11. Windows 11 currently ships with a search button on the taskbar, which can be disabled and only shows the search logo. Microsoft is now testing three different search taskbar visual changes.



Source - <https://www.theverge.com/2022/7/13/23207321/microsoft-windows-11-new-search-widgets-taskbar-ui-changes>

11

China has 428m 5G mobile users and 1.7m 5G base stations: Ministry

The number of 5G mobile users in China had reached 428 million by the end of May, the Ministry of Industry and Information Technology (MIIT) said in a statement on July 12 2022, adding that the country had also launched 1.7 million 5G base stations. According to the MIIT, China's 5G network has now covered all prefecture-level cities and county towns and 92 percent of towns and townships, with more than 12 5G base stations per 10,000 people



Source - <https://news.cgtn.com/news/2022-07-13/China-has-428m-5G-mobile-users-and-1-7m-5G-base-stations-Ministry/lbD8cqq6l36/index.html>

12

FBI warns hackers are using fake crypto apps to defraud investors

The FBI has issued a public warning about fraudulent cryptocurrency investment apps after hackers posing as legitimate services stole tens of millions of dollars from U.S. investors. The law enforcement agency said hackers have been posing as legitimate cryptocurrency investment organizations in an effort to convince investors to download fraudulent apps. The FBI says cyber criminals have been using these apps with "increasing success" to defraud investors and estimates that roughly \$42.7 million has been stolen from 244 victims in an eight-month window between October 2021 and May 2022.



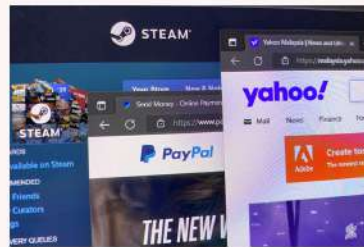
Source- <https://techcrunch.com/2022/07/19/fbi-hackers-cryptoapps-investors/>

13

Yahoo, Paypal Blocked in Indonesia Over Failure to Comply With License Rules

Indonesia has blocked search engine website Yahoo, payments firm Paypal, and several gaming websites due to failure to comply with licensing rules, an official said on Saturday, sparking a backlash on social media.

Registration is required under rules released in late November 2020 and will give authorities broad powers to compel platforms to disclose data of certain users, and take down content deemed unlawful or that "disturbs public order" within four hours if urgent and 24 hours if not.



Source- <https://gadgets360.com/Internet/news/yahoo-paypal-gaming-websites-blocked-indonesia-failure-comply-licensing-rules-alphabet-meta-facebook-whatsapp-amazon-32081387-gl=1+3tealy+ga+0wIM5iBY3JXdz83aUwtqYyNfc2UzZEVkF5OUiYNERoR2ts1NS0WZE5i0xTk00dmlwbzhwdzA0ZmtqUU9TV0>

14

Search Algorithms Responsible for Exhibiting and Amplifying Gender Bias, Study Says

As per a new research, algorithms are quite responsible for exhibiting and amplifying gender bias. The work, which appeared in the journal Proceedings of the National Academy of Sciences (PNAS), is among the latest to uncover how Artificial Intelligence (AI) can alter our perceptions and actions. "There is increasing concern that algorithms used by modern AI systems produce discriminatory outputs, presumably because they are trained on data in which societal biases are embedded," said Madalina Vlasceanu, a postdoctoral fellow in New York University's Department of Psychology and the paper's lead author.



Source- <https://gadgets360.com/Internet/news/gender-biassearch-algorithms-ai-results-effect-users-artificial-intelligence3153094>

15

Netflix subscriber count in the US and Canada dropped by 1.3million over the last three months

After Netflix reported losing subscribers for the first time in over a decade last quarter, the company's Q2 earnings report revealed the number of worldwide subscribers dipped by 1 million, including a drop of 1.28 million in the US and Canada alone between the end of March and the end of June. That's better than its projection of losing 2 million worldwide, but the subscriber shortfall in the US and Canada is double the 600,000 drop it reported for Q1. Netflix now reports it has 73.28 million paid subscribers in the US and Canada and 220.67 million worldwide.



Source- <https://www.theverge.com/2022/7/19/23268626/netflix-q2-2022-earnings-subscribers-ads-stranger-things>