DIGITIMES

GREEN THE INTERNET

SELECT YOUR JOB

HAVE YOU EVER TESTED YOUR INTERNET SPPED?

ARE YOU AFFECTED BY GOOGLE PRIVACY POLICY?

HAVE YOU USED FB AS MOBILE PAYMENT SYSTEM

STUDENT AMBASSADORS

Hi there. I'm Cortana.

FROM THE CHIEF EDITOR

Any advanced technology is indistinguishable from magic. Such magic's happen often and they have become a part and parcel of our day to day life. Our motive is to give you those updates. This issue of DIGITIMES presents you such technologies and updates like Cortana , Microsoft Office -16 , FB mobile payment, Google privacy policy, iWorm etc. We have also provided a review on Windows operating systems. Stay updated on all trending technologies by reading DIGITIMES.

T.E.MATHAN (Final CSE A)

President-DIGIFLASH(2014-2015)

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Hi. I'm Cortana.
Ask me a question!

Greening the Internet

Measuring Web Power Consumption:

With the mass-market adoption of networking technology, the Web has often been used as a synonym for the Internet. In recent years, renewed user interest in the Web comes from cloud services such as GoogleDocs, multimedia-rich portals such as YouTube and Megavideo, and social networking sites such as Facebook and Twitter.

Methodology:

Web software and content affect the variable component; for example, webpage scripts generate different workloads depending on the complexity of the tasks to be performed). Web content and software can also interact with other factors; for example, software can be optimized for a specific operating system.

Website Heterogeniety:

It's difficult to select a set of webpages truly representative of average use. Hansen considered the 100 most popular websites according to the Alexa ranking and then selected the 10 most CPU hungry sites. 4 You wouldn't want to use just the Alexa rankings because, for example, although Google is the top-ranked site, its homepage is lightweight by design, occurs more than once in the ranking (due to country-local replicas), and likely represents a first quick hop toward other, more content-rich and CPU-intensive webpages. We thus carefully selected our websites. We looked for ones pertaining to different services (such as blog, news, video, or music) in an attempt to mimic different user activities. Also, some of the websites aren't popular worldwide, but they're very popular in the respective countries (for example, Gazzetta is very popular in Italy, as LeMonde and Fnac are in France). Finally, we carefully selected pages containing differing numbers of Flash plug-ins (from zero for Gmail and Wikipedia to seven for Gazzetta).

High-quality video streaming was the most CPU-hungry Web application, reaching up to 70 percent CPU utilization, while the average CPU load of other services didn't exceed 25 percent

Absolute Power Saving:

Now let's quantify the absolute power waste (or potential gain). A single webpage consumes on average approximately 4.7 W, which can grow up to nearly 16 W in the not-so-uncommon case of video streaming. Users, while browsing, generally leave numerous tabs open and then close a batch of tabs from time to time. Unless the number of tabs causes a noticeable performance slowdown users have no real incentive to keep only one or two tabs open at the same time. Yet users are likely consulting only a single tab, so the other open tabs are unnecessarily using the CPU and wasting power.In the world of Web browsers, "Run only the scripts on the currently active tab, of the focused window, on the focused desktop." Within the browser, this means freezing the execution of all scripts that aren't on the focused tab. We could save even more power if the browsers would stop executing scripts any time tabs are hidden from the end user.

ref: http://dl.acm.org/citation.cfm?id=863959
http://greeningtheinternet.splashthat.com/

Microsoft

Hi. I'm Cortana.
Ask me a question!

CORTANA

Cortana is an intelligent personal assistant on windows Phone 8.1. The name came from Cortana, the artificial intelligence character in Microsoft's own Halo series game(in the game she guided the player) .She was first demonstrated at the Microsoft's BUILD Developer Conference (April 2-4-2014) in San Francisco. It has been launched as a key ingredient of Microsoft's planned "makeover" of the future operating system for Windows phone, Windows, as well as Xbox

AVAILABILITY

It is currently available to all users of Windows phone 8.1 in the United States, China and the United Kingdom. Users in India, Canada and Australia can make use of beta versions available in American English. Microsoft expects Cortana to be available globally by either late 2014 or early 2015.

USE OF CORTANA

According to Microsoft, users will be able to launch Cortana from Start screen, where the female virtual assistant will offer suggestion for tasks the user might want to carry out based on location. The users can instruct Cortana to find information, schedule appointments, set notifications or reminders and use features of applications installed on the device.

NOTEBOOK

The "Notebook" is where all the personal information such as interests, location data, reminders and contacts will be stored for access by Cortana. Cortana uses this information in order to learn the user's specific patterns and behavior. The user can also delete information from the "Notebook" if they deem it undesirable for Cortana to know.
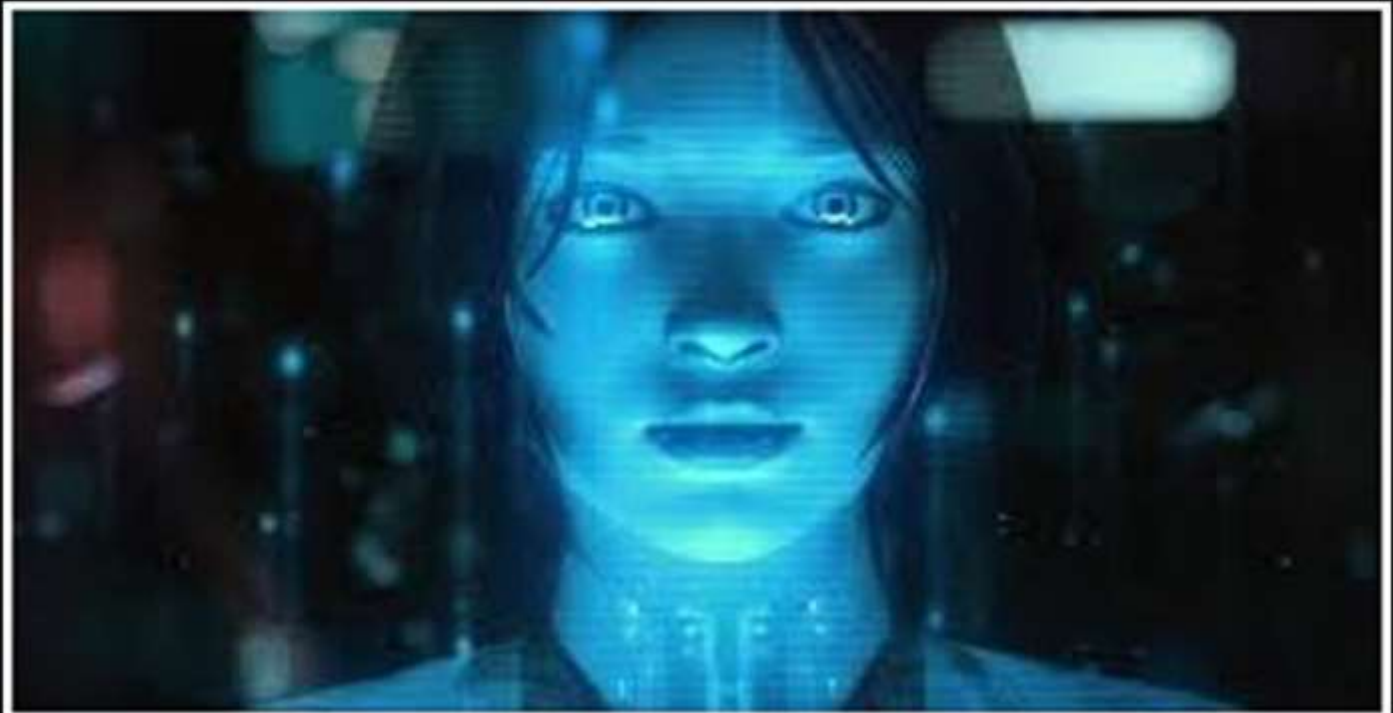
ABILITIES OF CORTANA

Can predict future.
Can teach anyone.
Ability to think, analyze and answer.
Can give suggestion.
Can control smart home appliances.
Can respond to your gratitude ("You're awesome!").

Intel's new chip impact in microsoft's cortana:

"Hello, Computer!"- Intel's New Mobile Chips Are Always Listening.

Tablets and Laptops coming later this year will be able to listen constantly for voice commands, Thanks to new chips from Intel.

A new line of mobile chips unveiled by Intel today makes it possible to wake up a laptop or tablet simply saying "Hello, Computer". Once it has been awoken, the computer can operate as a voice controlled virtual assistant.

Tablets and light weight laptops based on the new Core M line of chips will constantly listen for voice instruction. It is possible to set any two or three word phrase to rouse a computer with a Core M chip. A device can also be trained to respond only to a specific voice.

This wake-on-voice feature is compatible with any operating system. That means it could be possible to summon Microsoft's virtual assistant Cortana in Windows.

fig: logo of cortana

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Tips to protect yourself from phishing scams and releasing too much information to advertisers

If you're tuned into the world of technology, you've probably already heard about Google's new privacy policies, which are set to go into effect on March 1. But you may not fully understand how this change will affect you. Here are answers to some of the questions you might have:

What is Google changing?

As you know, Google is a lot more than a search engine. The company actually runs 70 services. Up until now, each of these services has maintained its own privacy policy dictating what would be done with information about your online activity. Starting next month, 60 of the services will be governed by a single, overarching policy that allows sharing of your information across Google-owned sites.

privacy policy

What is the practical effect of these changes?

At its core, this change in privacy policy is about more accurately targeting online ads to suit your interests by analyzing your activity across all the Google offerings. Keep in mind that Google makes its money by selling ads to finance the free services it provides. And if that targeting leads to a higher response rate through more relevant offerings, that's good for Google — and perhaps even for you as a consumer.

Is Google sharing my information with other sites?

To be clear, this profiling is limited to use within Google properties only, which includeYouTube, Gmail and Google +. As the company's blog post announcing the changes indicates, "The main change is for users with Google Accounts."

What if I want to minimize the amount of information Google collects?

If you've set up a personal account on a Google service — say a Gmail address — the enhanced tracking will apply, by default. But when it comes to using Google search, Google Maps, YouTube and many other services, there's no reason you have to create an account at all. If you do have a Google account, your computer will automatically sign you in when you visit these sites. No problem: click the "Sign Out" option on the top right of the page and there will be no sharing of your information.

And if you've used Google's privacy settings to opt out of receiving personalized search results or advertising, that doesn't change under the new policy. Depending on the service being used, Google offers additional privacy tools.

Does this mean that no personal information will be collected?

Even with the most stringent privacy settings, this doesn't mean that Google has no tracking information about you. Every computer on the Internet has a unique ID number, and that will still be visible to any online service you visit. But your activity will no longer be logged into a Google account history.

And Android phone users should understand that they are always logged in when using their devices.

There are government agencies looking into Google's new policy on both sides of the Atlantic. But it's hard to see the danger

ref:http://www.aarp.org/technology/privacy-sec urity/info-02-2012/google-privacy-changes.html

here, unless you happen to share your computer with someone unaware of your condition.

How to Safeguard Your Privacy Online?

-Don't provide personal information online.
- Beware of phishing attacks.
-When posting to social networks, restrict your audience.
-Use different passwords for different sites, and change them frequently.
-Keep antivirus software up to date
-Set up a "junk" email account

Sometimes you just can't resist responding to a special offer or contest promotion on the Internet, but that doesn't mean you need to expose your primary email account, the one used by all your friends and family, to potential intrusion. There are plenty of free email providers (Gmail being a personal favorite) that will let you set up a spare email account at no charge, useful for online goodie shopping, but disposable if something goes wrong.

CYBERPROOF YOUR PHONES:

It's bad enough that 1 in 3 robberies in major cities nationwide now nets a mobile phone — thousands are taken each day in what's called "Apple picking" because of the popularity of iPhones (although street thugs eagerly steal other brands). But there's also a huge harvest by stealth cybercrooks who increasingly target smartphones remotely to collect their users' stored data for identity theft.

Smartphones not only access the Internet, but their text messages are sent without encryption, and messaging apps typically have no security protections. Plus, cellphone users generally haven't wised up to the smartphone threat and are more likely than computer users to respond to spam.

Here's how to stay safe

1. If your phone offers encryption, enable it. You can learn how at help.unc.edu/help/encrypting-cell-phones.

2. Use security software recommended by your carrier or phone manufacturer, or free products by companies such as AVG, Avast and Lookout Mobile Security.

3. When using your smartphone to shop, use retailers' dedicated apps rather than your phone's browser.

4. Before installing apps, read their reviews — and stick with trusted vendors such as Google or Apple. Always read the "permissions" before downloading apps; avoid those wanting your OK to reveal your identity and location.

5. Think twice about public Wi-Fi networks. "For the most part, you're more secure using the provider's network," says Levin. Also, don't leave Bluetooth connections open.

6. Don't auto-save your user name and passwords on apps or when using your smartphone to make financial transactions.

7. Regularly clear the browser history to prevent smartphone thieves from retracing your steps to hijack your accounts.

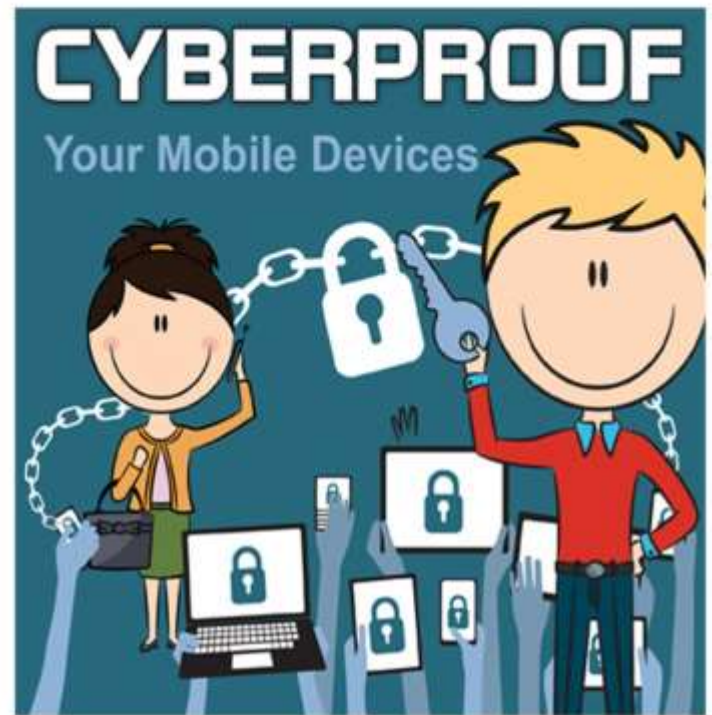8. Get an app that will track and report the

location of your phone if you misplace it. IPhones have a built-in app. Where's My Droid works on Android models. The app may help police recover your phone if it's stolen.

9. Ask your wireless carrier how to remotely erase stored data if your phone is lost or stolen. Back up that data on a cloud account.

10. Don't click on links in text messages or smartphone emails from strangers or even friends if the content doesn't appear to be their usual fare.

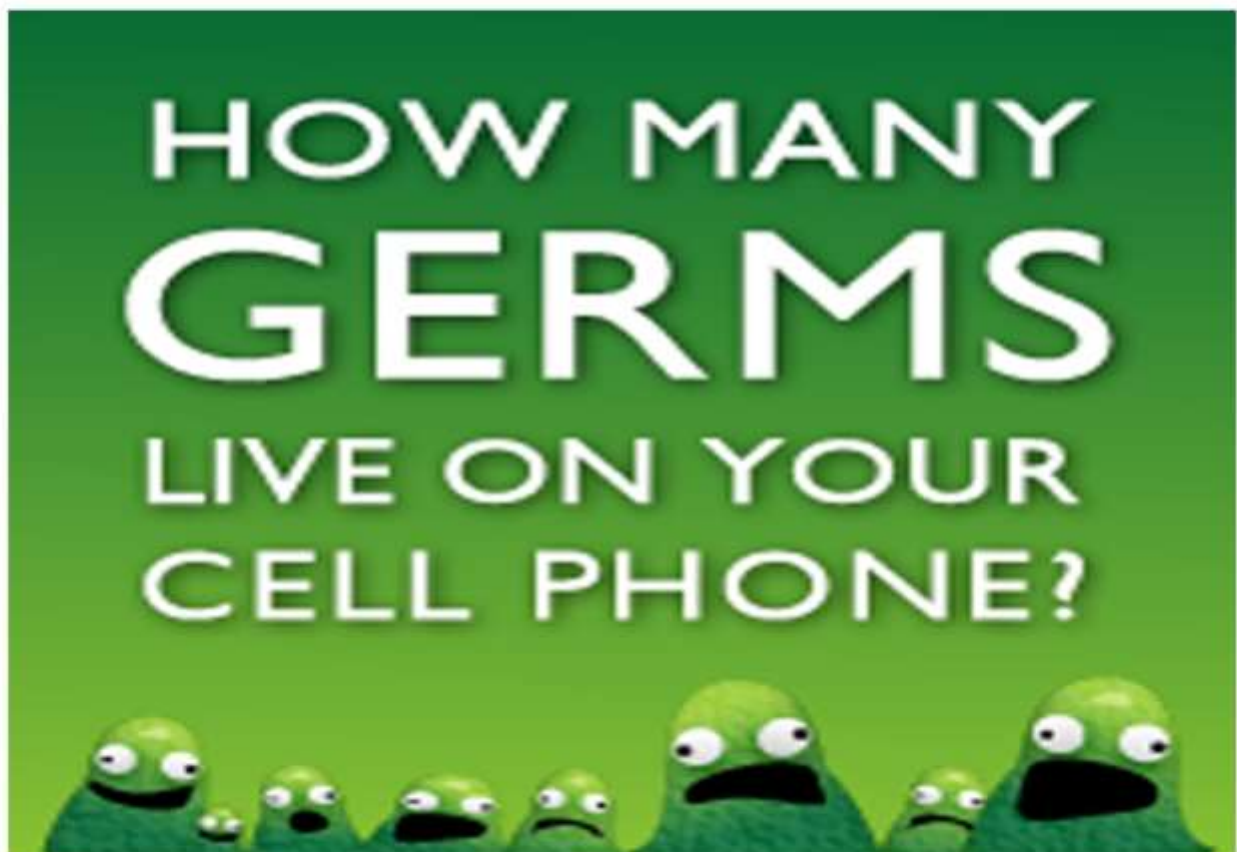11. Consider carrying a low-cost "dumb" phone to use when talking in public places. Thieves won't be interested.

12. Finally, do what most people don't do but should — lock your phone with a PIN.

http://wwallaceblog.wordpress.com/2014/05/19/cyberproof-your-phone/ref:

CYBERPROOF
Your Mobile Devices

Do you know??

HOW MANY GERMS LIVE ON YOUR CELL PHONE?

Move your eyes to page:8 to know the shocking news..

Your Cell phone Has More Germs

A man who stole a cell phone from an **Ebola virus** quarantine ward in a Ugandan hospital ended up apparently catching the virus from germs on the phone.

Obviously, most of us aren't in close proximity to an Ebola outbreak or likely to be pinching a phone from a dangerously ill person –but germ expert Charles Gerba, Ph.D., a microbiologist at the University of Arizona, isn't surprised the man got sick.

Gerba has found that cell phones carry 10 times more germs than your toilet because, as he told LiveScience.com, "when's the last time you cleaned your cell phone?"

THE ISSUE IS...

Bathrooms get cleaned regularly because we realize they could harbor bacteria, but mobile devices we touch every day (and even take with us into the bathroom), aren't thought of as particularly germy.And it's not just cell phones. Think about your iPad or other tablet devices.

But if you do for example, you work or volunteer at a place where an iPad or other mobile device is used by several people .

SOLUTION

Wiping the devices carefully could be a good idea. It is tricky, however do not spray devices with any kind of liquid cleaner or you could damage them, manufacturers warn.

Apple, on its website, recommends just wiping a device with a soft, lint-free cloth. Guerrero and his colleagues wrote that wiping down a screen with a barely damp soft microfiber cloth helped remove some bacteria.

ref:http://www.livescience.com/22822-cell-phones-germs.html

SELECT YOUR JOB

Software Developers must have the technical creativity required to solve problems in a unique way. They need to be fluent in the computer languages that are used to write the code for programs.

Communication skills are vital for securing the necessary information and insight from end users about how the software is functioning.

Database Administrators analyze the data needs of users and develop data resources to store and retrieve critical information.

They need the problem solving skills of the computer science major in order to correct anymalfunctions in databases and to modify systems.

Computer network architects design, implement and maintain networking and data communication systems, including local area networks, wide area networks, extranets and intranets. They assess the needs of organizations for data sharing and communications.

In addition, computer network architects evaluate the products and services available in the marketplace.

Computer systems analysts assess organizational needs and recommend configurations of hardware and software to enhance a system's efficiency.

Because the job requires regular communication with managers and employees, computer systems analysts need to have strong interpersonal skills. Systems analysts need to able to convince staff and management to adopt technology solutions that meet overall organizational needs.

In addition, systems analysts need the curiosity and thirst for continual learning in order to track trends in technology and research cutting edge systems.

MESSENGER
- Mobile payments system

Facebook's expansion continues as the company looks set to introduce a mobile payments system on its messenger app.Screenshots taken by iOS developer Andrew Aude reveal how Facebook users can add a credit or debit card to their account and send money via messages. Transfers appear as though they need to be verified by a pin.

Aude tweeted: "With Facebook Messenger, you attach money like you attach a photo or a location. You don't even have to link a bank account!"

Jonathan Zdziarski, an iOS forensics expert, also tweeted about possible payments on Facebook.

This is the latest expansion in what is already been a big year for Facebook during which they have acquired Whatsapp messaging service for a record-breaking ££, revealed a predilection for social science research with their Happiness experiment, and plotted a move into healthcare services.

A Facebook mobile payment service has been long-in-the-making, with the company first exploring money transfers in 2010, albeit via third-party developers.

The social network is already requesting "e-money" status in its European headquarters in Ireland, and is permitted to transfer money in the US through gaming apps like Farmville.

PHOTO-ILLUSTRATION: SHREENA THORNTON/CNNMONEY; SHUTTERSTOCK

Facebook says sorry to drag queens:
Its 'e-money' initiative would allow digital credits to be converted into cash, and if approval is granted then Facebook can operate this model throughout the continent using "passporting" rules that enables online payments across EU countries without country specific regulation.

ref:http://www.independent.co.uk/life-style/gadgets-and-tech/news/facebook-messenger-to-introduce-mobile-payments-system-9780035.html
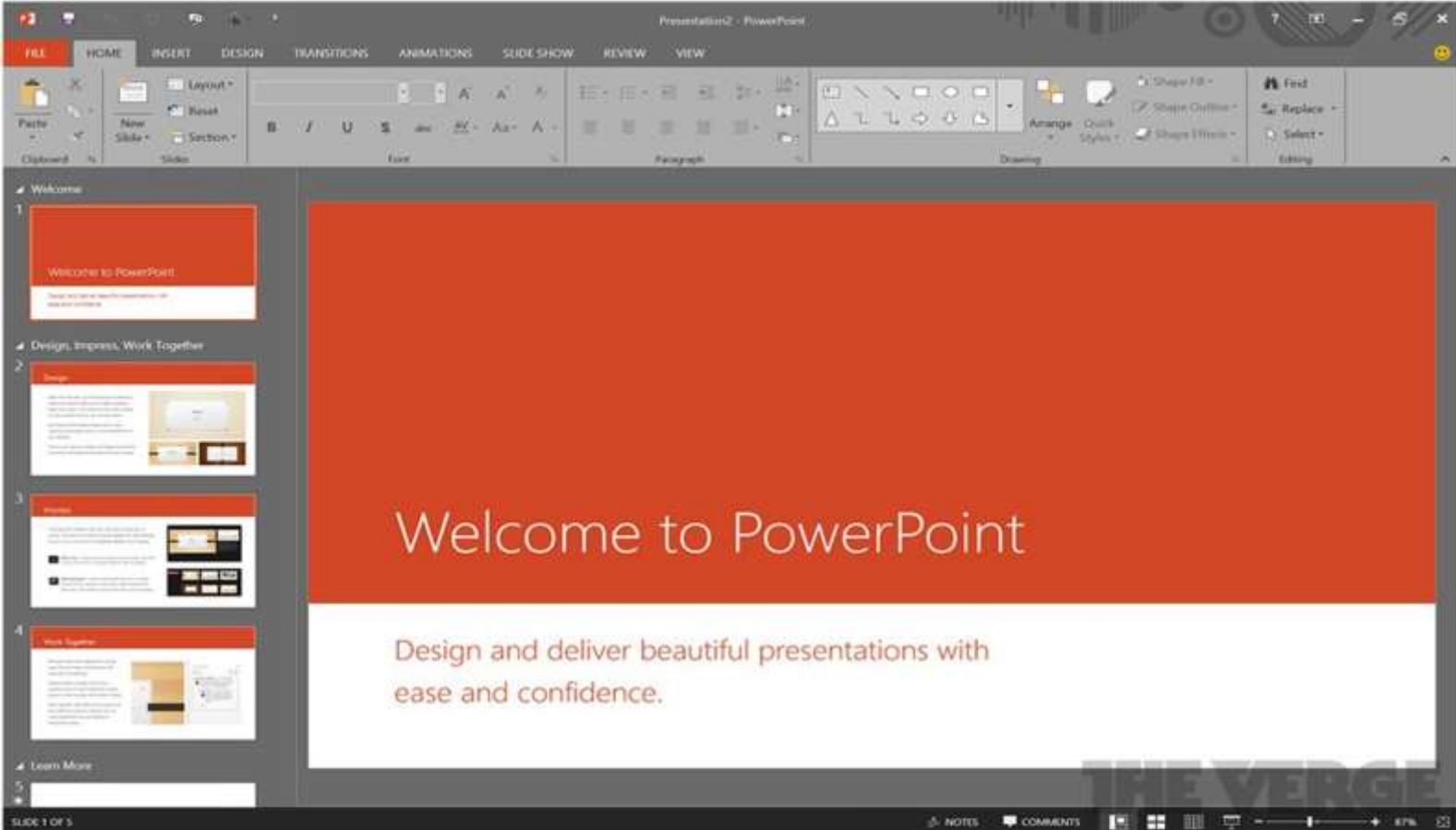
MICROSOFT OFFICE-16

Microsoft is busy preparing a "Windows Technical Preview" for later this month, but the software maker is also privately testing an "Office Technical Preview" for the next version of its popular Office suite.

OFFICE-16:

There are no major user interface changes just yet. Microsoft has, however, added a new black theme. The black theme was the number one feature request for Office 2013 likely because it existed in Office 2010 and Microsoft is seeking feedback on its implementation to tweak any areas that are too bright. The black theme isn't default, it's just an option for Office users alongside the light grey, dark grey, and white themes.
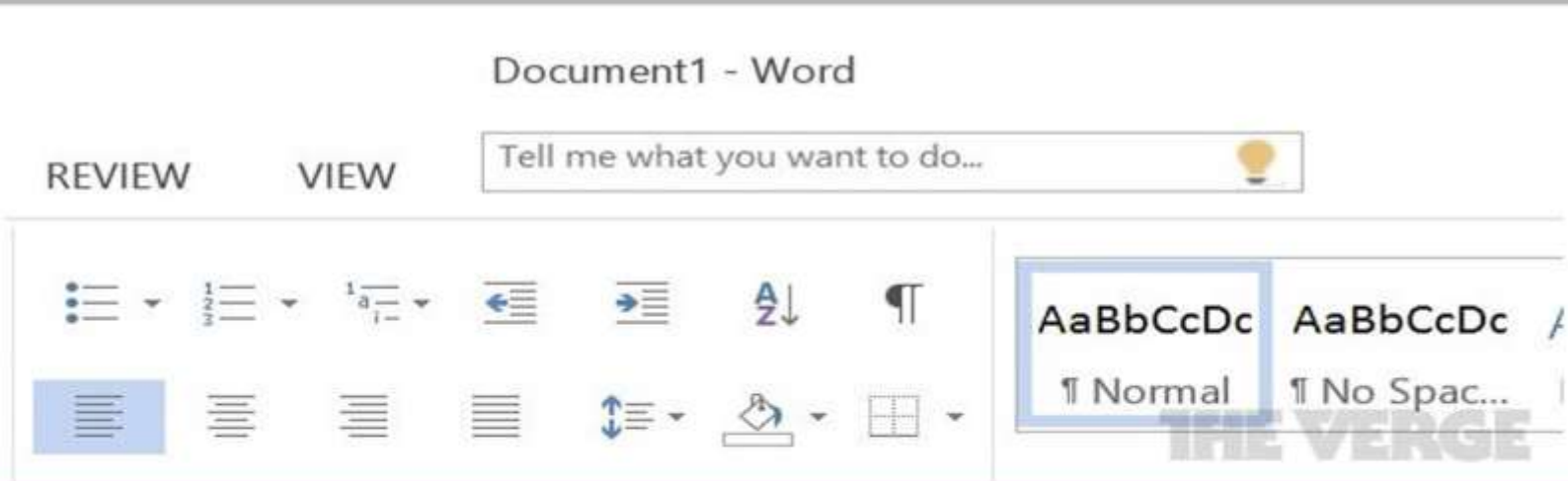
NEW FEATURES:

Automatic image rotation:

Other new features include automatic image rotation, allowing Microsoft to use camera metadata to correctly position images in Office documents. Once pictures are inserted, Office will automatically rotate a picture to match the camera's orientation, with options to manually rotate afterwards. In the existing version of Outlook you can only download a minimum of one month of email, so the new option will improve any space issues on Windows laptops and tablets with limited storage.

The majority of Microsoft's improvements in what is known as "Office 16" are fairly minor changes. Microsoft is planning to deliver that for its desktop users.

Tell me bar:

Microsoft is refreshing its Office Web Apps with a new user interface and some feature additions. The most significant change is a new "Tell Me" bar that sits at the top of documents and allows users to simply type out questions when they need document help. Given the complexity of the desktop versions of Office, it's not unreasonable to assume this same feature might make its way to those apps in future. It's not quite the animated Clippy of old, but it's a basic helper that includes similar features and is a lot easier to use than Microsoft's help documentation.

Navigation bar:

Microsoft is also making one final change to its Office Web Apps by including them in the navigation bar that switches between Outlook, SkyDrive, Calendar, and People sections. It makes the apps a lot easier to find from Outlook.com, as they were previously buried away in the company's SkyDrive cloud storage service

ref: http://www.zdnet.com/where-are-microsofts-next-versions-of-office-for-windows and-mac-7000026573/

Passwords to Head of the Hackers

Using their own ingenuity and automated programs that target thousands of computers simultaneously, hackers can quickly crack many simple passwords and break into online accounts. And once they sign in as you, they may change the password, locking you out of your own account.

You can — by taking some new advice: Choose a sentence, phrase or song that you can easily remember, and add a few keystroke tweaks. The above 12-character password, for example, is a hacker-resistant version of "I have 3 kids and they are really super-cool" (which is true for me, but hackers, take note: I'm not using it as a password).

EVERY 6 SECONDS
A PERSON'S COMPUTER IS
HACKED
ARE YOU HACKER PROOF?

AM I HACKER PROOF? 3.0

One study finds that a successful hacking attack occurs about every 39 seconds. But in just a few seconds of your own, there are some ways you can strengthen your password for better online security. As cyber crooks hone their skills, the traditional recommendation that passwords contain at least eight characters has changed. Passwords should now be at least 12 characters. In their tests, they learned that eight-character passwords can be cracked in about two hours, but adding just four additional keystrokes to a password could raise that to a theoretical 17,000 years.

Small Tweaks, Big Results

Longer passwords are a good first step, but even more important is making each character count. And yet one recent survey found that half of 2,500 surveyed computer users never employ symbols such as &, >, # or @ in their passwords. In one study, a British researcher noted that bolstering an all lowercase eight-character password with a few well-placed symbols, numbers and a combination of upper- and lowercase letters would take commercial hacking software about 200 years to crack.

Easier Recall of Hard Passwords

Of course, the more complicated a password, the harder it is for you to remember it — explaining why you may often quickly change the cryptic passwords initially assigned when you open a new online account.

And while you shouldn't use birthday or anniversary as a password — those dates may be available in online public records and used by hackers who specifically target you — those easy-to-remember dates can be tweaked for better protection. If you must rely on your June 10 wedding, for instance, consider including lesser-known info — such as the initials of your maid of honor (Susan Jones) and honeymoon destination (Miami), à la "sj@0610#miaFL." Of course, this level of complexity may not be for everyone. But give it a try — if you create (and remember) passwords like these, you'll have nearly uncrackable security.

Other old-standby ways to bolster password security **Say no when browsers offer to save your password**: Widely used password-stealing "Trojan" programs know where to look for and how to steal that information. Plus, a saved password can translate to easier hacking if your computer gets stolen. **Use different passwords for different accounts.** And change them every 90 days or so. Only about one in five computers users employs multiple passwords on different accounts, and many fail to ever change them.

Check your password. Whenever you choose a new one, gauge its strength at websites such as Microsoft's Password checker.

CLOUDING FACTS

In the 1960s, cloud computing came into light when internet started offering its service.

90% of Microsoft's 2011 R&D budget was spent on cloud computing strategy and products.

"Amazon Elastic Compute" was the first major cloud computing service to embrace the cloud terminology.

82 percent of all companies saved money in their last cloud adoption project.

80 percent of the companies experienced improvements within six months of moving to the cloud.

According to the surveys, in 2011 30% of small and mid-size businesses (SMBs) used cloud software.

About 64 percent of organizations say that adopting cloud based solutions has helped them reduce waste and lower energy consumption.

Windows Azure

Google plans in annual event

The conference, while geared to software developers, is sometimes used by Google as a launching pad for new products and updates to existing ones, like the Android mobile operating system.

Google

Google also acquired Nest Labs in January, a manufacturer of smartphone-connected thermostats and smoke detectors that prove it has gotten serious about dominating the "smart home" product segment.

Google

Both Google and Apple are competing over who can better capitalize on the much-hyped Internet of Things and how it relates to consumers' homes. Apple announced Home Kit at its own developer's conference earlier this month, a software environment that would provide a unified interface for smart home apps.

Google

Nest recently announced that it was partnering with a number of appliance manufacturers to create a network of devices that can interact with smartphones, including light bulbs that can blink red when the Nest Protect smoke detector is going off, and a garage door that turn on your air conditioner when you get home.

Google

Self-driving cars have become a major point of interest for Google. The project started out by converting existing cars with expensive hardware, but Google announced a major step forward for the project in May when it announced that it would build about 100 driverless vehicle prototypes, powered by electricity and without a steering wheel and pedals.

Google

Google announced Android Wear in March, promising more details to come about its foray into wearable devices, like Motorola's Moto 360 watch and the LG G Watch.

Google

Google could announce the next step for Glass Google I/O, or at least tout sales figures for the wearalbe. The company is reportedly waiting until more apps are available for Glass, but expect the device to get a little bit of love at I/O 2014.

Google

Images of a HTC-made Nexus tablet have also emerged, showing a device that looks similar to LG's Nexus 5. The device reportedly specs an 8.9-inch display with 2048 x 1440 resolution, as well as HTC's signature front-facing speakers.

Google

Google has a number of plans in store for Chrome OS, and the line of low-cost Chrome books currently dominating low-cost laptop sales. One of the bigger changes could involve a touchscreen feature inside of the OS, which has become a popular feature in a number of new Chrome books.

Google

Google has been slowly expanding its fiber-optic network in new cities throughout the U.S. The project is popular with Americans fed up with their current Internet service providers, and Google could use I/O to announce updates to the expansion.

Google

Project Loon has run into trouble as of late, with one balloon sinking in New Zealand and another taking out power lines in Washington state. In the past year, Google has also acquired Titan Aerospace, a solar-powered drone manufacturer, and Titan Aerospace, a satellite imaging company.

Google

Google also has a number of other interesting projects in the works, including the modular smartphone concept (Project Ara), which had its own developers conference earlier this year, and Project Tango, the company's interior 3D-mapping technology.

WINDOWS REVIEW

Microsoft will allow users of its Windows 8 operating system to upgrade to the forthcoming Windows 9 free of charge, according to a published report. There could also be deals for those still running Windows XP.

Many users complained that Modern UI, first introduced by Microsoft as the Metro interface, is too difficult to use on non-touch PCs that require navigation through a mouse and keyboard. Windows 9, according to the video, also lets users boot straight to the classic Windows desktop, bypassing Modern UI if they wish. Microsoft has not confirmed the video's authenticity.

THE GOOD:

The new Windows 10 desktop is familiar; it looks like Windows 7 or Windows 8.1 in desktop mode. But massive changes for the sake of change aren't always necessary. It looks like Microsoft took the sensibility of Windows 7 and threw some Windows 8.1 DNA into the mixture.The old Start menu is back but it now contains customizable live tiles. If you prefer the 8.1 Start Screen, you can switch back to that with a few setting changes.

09 : 30

Studio C

Windows 10

One product family   One platform   One store

One of the more subtle improvements is the inclusion of multiple desktops. It's a simple but clever organizational solution, whether you work on one or multiple screens: It allows you to hide and shuffle windows and workstations as desired, so you won't have to sift through 20 open tabs in Google Chrome to find your work email sandwiched between open YouTube and Facebook tabs.

The most appealing new feature is Windows 10's integration with Xbox. Xbox is launched as its own live tile and lets you plug your gamer card in, and it holds your games library just like the Xbox One and Xbox 360 do, off-computer. What this means is that the original Xbox browser website can be completely bypassed if you want to check on your game stats.

THE BAD:

As previously mentioned, the Windows 8-style home is also available if you so choose. But right now it just feels like it was tacked on in an attempt to appeal to everyone. It has some unforgivable flaws at the moment. The biggest problem is that if you open something in the Windows 8 home screen, it still opens in the classic desktop mode and it doesn't revert when you close the program either, so you have to go back to the Windows 8 home style manually. Although live tiles open in the traditional Windows desktop, they still feature left to right navigation, like touch screen Windows builds.

VERDICT:

It's still early in the development cycle and Microsoft is adamant that this isn't close to the final product. There are a lot of good ideas here, but it's clear that there's still work to do hopefully Microsoft is actually listening to feedback intently.In the latest installment, Microsoft decided to skip "9" altogether and go directly from Windows 8, which was a flop, to Windows 10, which is essentially a return to the ook and feel of the beloved Windows 7.

WINDOWS XP (2001):

Brian Rose, 10, plays on a Windows XP based personal computer, running the latest version of the company's operating system at the Royal Festival Hall in London October 25, 2001. Reuters

While Windows 2000 was an alternative option for Windows users upset with Windows ME, most users of the OS were commercial and enterprise customers, not consumers. A year after Windows ME's release, Microsoft unveiled its new OS, Windows XP, a fully revamped consumer Windows OS that was built on Microsoft's NT technology, typically used in a professional environment.

Windows XP garnered positive reviews for its significantly redesigned interface and improved performance upon its release in 2001. The OS introduced a number of new features into Windows, including a built-in firewall, ClearType text to improve readability on LCD displays, and Windows Product Activation in an effort to prevent software piracy.

WINDOWS VISTA (2007)

Microsoft Windows Vista software sit on display in New York January 30,2007. Windows XP's successor six years later was Windows Vista, which was known by its codename "Longhorn" before its release. Vista brought along a number of changes to Windows, including another redesigned graphical user interface or GUI called Aero, a redesigned Explorer interface, instant search and more.

Despite these improvements, Vista was widely criticized for its higher hardware requirements due to the new Aero interface and cost, along with a security feature called User Account Control or UAC, which had a tendency.

Verdict: Miss

WINDOWS 7 (2009)

Customers shop at Microsoft's first retail store during the grand opening in Scottsdale, Arizona October 22, 2009. The first store also launched the new Windows 7 in its most important release for more than a decade, aiming to win back customers after the disappointing Vista and strengthen its grip on the PC market.

Only a couple years after Windows Vista, Microsoft unveiled Windows 7, a revamped Windows version aimed at addressing Vista problems and critiques. While the OS bore a resemblance Vista, Windows 7 was widely celebrated for its improved performance, redesigned taskbar and other features.

Verdict: Hit

WINDOWS 8 (2012)

Windows 8 was widely criticized for its Start Screen, which replaced Windows' start menu reuters. Windows 8 may have come with improved performance and security features, but users couldn't get past one missing feature: the Start Menu. In its place, Microsoft introduced a new "Start Screen" which was aimed at improving Windows for tablet use. In response, users were quick to criticize Windows 8 for the confusing interface and number of users turned to third-party software, such as Start8 and Classic Shell, to bring back the start menu.

Verdict: Miss

WINDOWS 10 (2014)

Microsoft skipped an entire number with its latest operating system, Windows 10, which brings back familiar features such as the Start Menu and improves the user interface for non-touchscreen users. Windows 10 is expected to launch sometime in mid-2015.
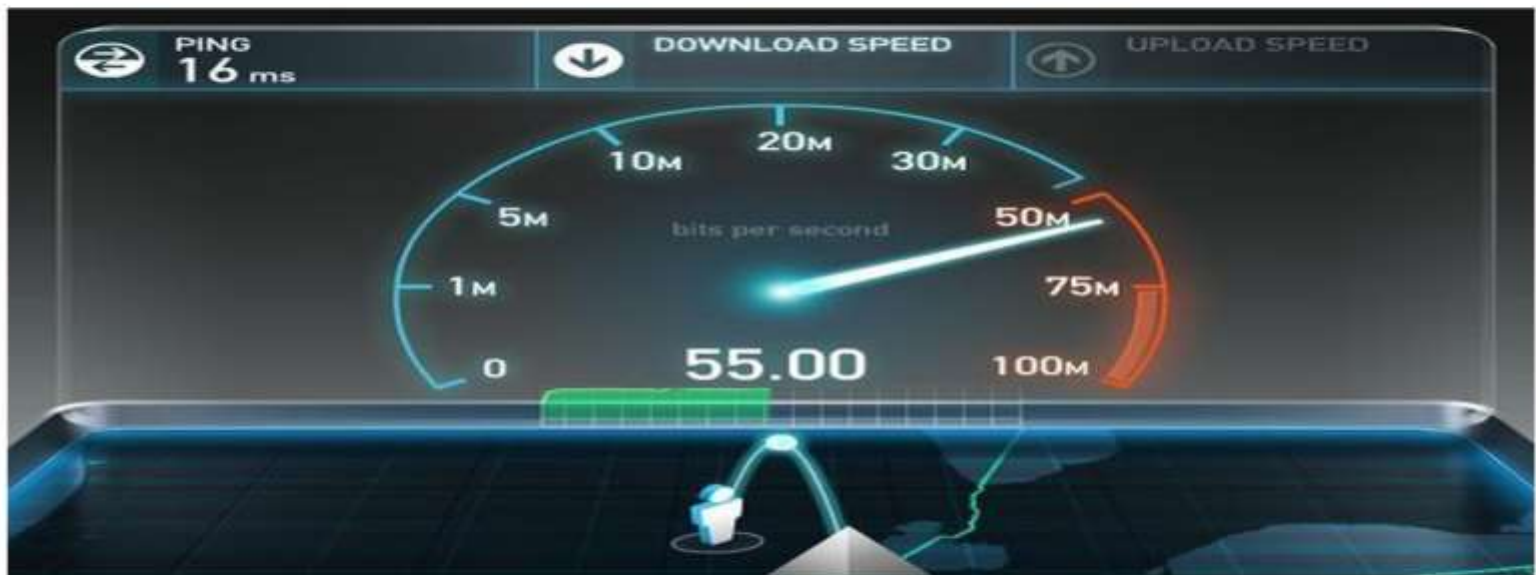
verdict:No verdict

Windows 10

www.speedtest.net

Speedtest.net

SPEEDTEST.NET

Web address	speedtest.net ⬀
Type of site	Broadband internet speed test
Registration	Optional
Available in	English, French, German, Italian, Russian, Spanish, Indonesian, Polish, Portuguese, Swedish, Dutch
Owner	Ookla ⬀
Launched	2006
Alexa rank	▼ 327 (June 2014)[1]
Current status	Active

The service measures the bandwidth (speed) and latency of a visitor's Internet connection against one of many geographically dispersed servers located around the world. Each test measures the data rate for the download direction, i.e. from the server to the user computer, and the upload data rate, i.e. from the user's computer to the server.

The tests are performed within the user's web browser using the HTTP protocol. As of 2014 since service inception, over 6 billion speed tests have been completed

i-worm

The malware is described as a complex multipurpose backdoor that can use Reddit's search functions to perform its task.

A group of Russian security researchers has discovered a new malware threat to the Apple Mac OS X that has affected thousands of Macs around the world. Hackers can issue commands to allow this malicious software to gather user data and perform various other system actions on the infected machines.

"Criminals developed this malware using C++ and Lua. "It should also be noted that the backdoor makes extensive use of encryption in its routines. During installation it is extracted into /Library/Application Support/Java W, after which the dropper generates a p-list file so that the backdoor is launched automatically."

After being installed, the i-Worm malware creates an operating file, opens a port on an infected Mac, sends a request to a remote site for a list of control servers and then connects to the servers, awaiting further instructions. What is interesting here is the malware's ability to employ Reddit's search service in getting a control-server address list.

Some 17,658 infected Mac computers have been discovered.

After i-Worm connects with a command-and-control server, it can deliver commands via binary data or the Lua programming language. Although the Reddit string has apparently been shut down, the creators of i-Worm have likely set up another server list through another search service, which has yet to be discovered.Some 17,658 infected Mac computers were discovered as of Sept. 26, with 4,610 of them in the U.S.

A security flaw in Apple Inc.'s operating system has given hackers control of over 18,000 Mac computers, in what may be the biggest threat to Macs in two years. Most of the infected computers are in the United States.

The security hole in Apple's operating system, Mac OS X, is exploited by a virus known as i-Worm and specifically designed by hackers to infiltrate Macs. The security firm did not say how it spreads. The hackers have infiltrated thousands of Macs but have not yet utilized the threat. They may be waiting until the network is large enough to launch a coordinated attack.

The security software for Macs has been updated to protect against iWorm. Representatives from Apple did not respond to a request for comment. he i-Worm may be the biggest security threat to Macs since 2012, when more than half a million were infected by a malware discovered by Kaspersky Lab, an anti-virus company.

cont..

How it is done?

The Twitch-bot reportedly bombards channels and invites viewers to enter a weekly raffle with prizes such as "Counter-Strike: Global Offensive" items. If you click on the link, you're led to a Java program that asks for your name and email address. Those who fall victim to the fake contest will receive a message that says "Congratulations, you have joined this week's raffle. We will contact you by email if you win."

After this message appears, the malware will engage in a number of annoying and malevolent acts, including taking new screenshots, adding new friends on Steam, accepting pending requests in Steam, initiating trading with new friends on Steam, buying items, sending trade offers, accepting pending trade transactions and selling items with a discount in the market.

Sadly, all of this is done from the victim's computer, since Steam has security checks that can identify if a user logs in for a new device.

ref: https://discussions.apple.com/thread/6583269

The launch of first Digitimes magazine was held on 20.09.2014 at EEE seminar hall with the pesence of Principal Dr.Ramakrishnan presenting the magazine to the chiefguest.

The Senior Interaction and Counseling Session for 1st years was conducted on 06.09.2014 at mechanical seminar hall by Digiflash.

Webinar on Windows Azure-Introduction to SQL database which was conducted by Microsoft,took place on 09.09.4014 at IIT-B remote center

Alumini interaction by Mr.Pongopinath Shivashanmugam was held on 05.07.4014.

HR interaction session by Mrs.Indu Padmanabhan took part on 07.07.2014 at CS hall.'

Paper presentation demo for second year students was expalined by seniors on 09.09.2014 at Mechanical seminar hall.

CODEZAPP a coding event was conducted on 15.09.2014 at department laboratory .

Digitalk

"Youth
on
move"
an interactive
activity
for students
was
held on
11.10.2014

Poster Presentation

In order to
bring out the
knowledge of
first year
student's,
poster
presentation
was
conducted on
20.09.2014.

UTSAV 2K14

The inter
department
symposiyum
is organised
by DIGIFLASH
& CSI-MCET.
the prelims
wrer held on
20-10-14.

Guest Lecture

An guest lecture
on "What
Computer
engineering
is and what to
expect in next
four years". was
conducted on
20.09.2014.

STUDENT AMBASSADOR'S

Google Student Ambassador

The Google Student Ambassador Program is an opportunity for students to act as liaisons between Google and their universities.
These ambassadors:
Learn about innovative Google products and programs.
Plan and host fun events on campus.Act as a campus contact for Google teams.
Help Google better understand each university's culture.
 How to become one:
Each year Google announces for the ambassador program and the students who are of the Pre-Final and Final years can participate in the selection process.

N.Vignesh,Final CSE

Twenty19 Campus Ambassador

Twenty19 is India's No.1 Internship portal and it strives to educate and enable students to learn by doing.
This platform enables students to equip themselves in the best possible way to live their dream career.
A photo with Mr.Karthikeyan Vijaykumar Founder & CEO (at left) and Manivannan (at right) during twenty19 during CA meet.

Manivannan -Final CSE

Microsoft Student Partner

Microsoft provides a number of resources to help student to continue growiing and developing their knowledge of technology and to learn the latest technologies through online training resources.
And also we can directly peep into the world of real time working environment of Microsoft employees and we can explore more as a student partner.
And most loving about this MSP is that I have my 1st original Windows office 365 installed in my pc since I started using computer that to an free of cost.

**D.Bala Krishna
-Pre Final CSE**

update your achivements to digitimes14@gmail.com

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