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September
2010

91.7 FM

Get a Glimpse
of the Newtwitter

EDITORIAL

The late month editions of our e-zine continue! It's not because i'm too lazy to right all month but I aim at giving the news of September in September. Why bring that stuff late in the first week of October, then? You see, it certainly gives us an edge over our competitors!

MVDIT TECH BOOK September 2010 packs, information about all the latest releases from the Apple Music Event 2010, first impressions on FIFA 11, some really nice emerging technologies, all about the newTwitter and a completely 'imaginative game'. So Keep reading.

This month, we're starting a completely new series. The e-zine, is getting social. We're going to bring you a list of 10 most trending topics of the month from twitter. It's a new service which takes place of the 'old playlist' page we had!

We hosted an online TECH-Quiz, last month. it got a really awesome response., and I'd like to share with you the innovative ideas we used to conduct the quiz. I won't tell any more, you gotta read the e-zine to know more about it!

Vidit Bhargava
Editor MVDIT TECH BOOK

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Apple Music Event 2010

This month Apple, launched their iPod updates. Everything was updated, from iTunes to the Apple TV, price cut and rise was seen in every new release. In the limelight were the new iPod and the other Steve (wozniak), who was seen in the beginning of the event.

iPod Nano 6G
Shed the weight, size, price and some really cool features, and add a clip and multi-touch screen instead. That's whats Apple's iDea of redefining 'Nano' music player that has one the hearts of every one ever since its late 2005 release, but lets not start with complaints.

Key Improvements: Multi-Touch Screen: A 1.7" (Yeah, you heard it right) Touch Screen that is greater than all the other touch-screens in the mobile device segment for $149 is a big achievement. The touch-screen addition to the new iPod Nano makes it more interactive. You get that 'almost similar to iOS' feel in the device.

And you can do loads, with it - Except the 'Snazzy Apps'. That's what in summary is the new iPod Nano 6G, actually. Its actually what you can do with this screen and a device of this size.

UI - At the 1.7" touch-screen you'll get the best UI on the iPod ever. The cover-art takes up the screen completely while playing music, which looks brilliant in the hand. The iOS like UI does give you a feel of using something really precious. The ability to create playlists and play-pause in-built radio stay in the iPod Nano 6G stay on the iPod Nano.

Feature's You'll miss: What the iPod Nano doesn't have, is a big list and that too of those features that were the certainly enjoyed by the users. Video Playback, CoverFlow, Camera, and the black color (it is a dark shade of grey instead).

It is clear by this upgrade that Apple wants to change the image of iPod Nano from being a cheaper alternative to iPod Classic to a certainly 'nano' device with just about every basic thing you need, and is portable. I've also seen wrist-cases for iPod Nano coming out, these intend to use it as a wrist-watch cum iPod, which ofcourse is any day welcomed.

iPod Touch
You expected Retina Displays here, didn't you? Well, that's exactly what the new iPod Touch 4G is about. What Apple did with the iPhone has been replicated

here and its thinner than ever at 7.2mm of thickness. Though, since the price is not, you'll miss a few key things.

First to come is the back camera: You get Half HD (720p) video recording and still photos photos at 960 x 720 px and HDR. You'll see that the iPod Touch

lacks an LED Flash and 5MP camera for still images. So, that's not a perfect digital photography experience, but its just about fine.

Here comes FaceTime: Just when you thought, that FaceTime was Apple's new 'video calling' service, you went wrong. Apple has added FaceTime in their new iPod

Touch too, and that's for a video conference with other Apple ID users! So you get a front VGA Camera for that.

Retina Display: There is nothing much to tell about here, its the same 326ppi display by Apple here, but without IPS. So the display is not as bright as the

iPhone's but you still get a wonderful quality.

GameCenter: That's as we told you earlier, Apple's Gaming Social Network, it is about challenging your friends to play games, over the internet and then

maintiaining your profile. This certainly does make the new iPod Touch much more gaming friendly and with over a 1.5 billion games (all big and small) its

nice to see the iPod Touch going somewhere atleast.
[GameCenter also comes with the iOS 4.1 update for iPod Touch 2G and 3G, iPhone 3GS and iPhone 4.]

The Apple A4 chip is packed inside the new iPod Touch. Well, that's pretty much it, the iPOd Touch is certainly a very good, music player and a gaming device and now it does the HD recorder thing, also. There's not much of disappointment here.

iPod Shuffle
There's not much about the new iPod Shuffle that you'll see. It has retained the old button design but also retained the 'VoiceOVer' feature from the

previous iPod Shuffle.   They've also added fresh colors (which does not include black!). And you'll see a cut down of prices also.

This month's september update didn't have any thing in store for the GrandPa iPod (iPod Classic). It remains the same as it was last year.

Apart from the iPods there were other two highlights of the event also:
iTunes 10: The iTunes 10 is not such a big upgrade to the new iTunes line as is the new iTunes Store service called 'Ping'. Ping is a

social networking

service where you can find your favorite artists operat-
ing socially. The Apple Site describes it better:

Learn even more about your favorite artists and
friends starting with their bios. See what they've been
up to, listen to 30-second previews of music they

like. Find out when and where artists and bands are on tour,
and check out photos and videos they've posted. With Ping.

So that's ping, one more to the existing herd of social networks, but just
a wee-bit different. However, what Apple thinks is that only the elite 23

countries of the world which have an iTunes Store online, can socialize musically!

Apple TV: At the D8, Steve Jobs said "Apple TV is a hobby, we don't think people like to use
those bulky set top boxs". So Apple decided to shed the wait

from their TV, and made it look more like a 'hockey puck' with the brilliant black color and
HDMI port (No AV ports here), and the same Apple TV OS, with the

ability to wirelessly sync the computer content and only
rent' the TV Shows from iTunes Store. Apart from this there
s the AirPlay feature (which lets you

play video from iPad or iPhone/iPod Touch) and they've
added some new nice slideshows

The price has also been reduced from $299 to a whooping
$99. But Since, its more of iTUnes Store based there is noth-
ing much in store for Indian Users.

First Impressions
FIFA 11 - Demo

Vidit Bhargava

FIFA 11 will be coming at your nearby store this week, we got a copy of the FIFA 11 Demo, just a few days back and here's what we have to say about the game:

Graphics: That's the first thing you'll notice about the game. The game has the same graphics engine, that they are using for XBOX 360. It certainly does take FIFA PC to a new level, the previous two graphics engine (FIFA 07,08 and FIFA 09,10) look amateur in front of the new NEXTGen Graphics. What you'll notice here is that not only the graphics engine is of XBOX 360, the whole game works on XBOX 360 Gontroller commands, which you need to tweek for your Keyboard. Although for the Gamepads All is well.

Gameplay: What FIFA has immemsely improved at is its gameplay. They keep on making changes to it every year, to make the game look realistic, but fail bitterly. This year's FIFA 11, does the trick. It is 'realistic' with all those players who keep on moving around the field and not stand like plastic puppets, and that is peppered with the brilliant graphics. Which makes it a visual aswell as core delight to play the game. Also, the AI gameplay has improved, It takes time to figure out how to battle it to a perfect goal finish add to that the thrilling matches which are only possible because of AI's ruff and tough play. 360 Dribbling is also a neat addition, it gives you the advantage of keeping the ball out of the AI's way!

Pro-Camera: One thing you'll find with FIFA 11, is its new pro-camera. What's new about? It gives you the players eye when playing the game. So what basically happens is, that it

becomes easier to score a goal or defend it. Pro Camera also has this really cool feature of accelarating the camera speed when you make your player sprint which gives an even better experience.

Crowd and Commentary: Though this is not something very important but it has still got better than most of its previous versions.The crowd is now 3D and keeps on screaming and whistling. (The full version will have custom crowd chantings), commentators remain the same but their style of commentry has grown into something more world-class. All this, multiplies the thrilling experience of the game.

But is all well with the game? The answer is a decisive no. Although, the game may be brilliant in most of the areas but it still has some bugs. To begin with, there is a prevailant passing bug, now when you pass to a player, it happens that almost 70% of the times he'll miss the pass between his legs, also sometimes the players pass the ball, even when their not said to do so, another bug which was encountered by many was the alien player bug, Here, one of the players of the demo displays no-face instead shows a green-black color instead. There are still many big and small bugs in the game apart from these two.

Apart from the bugs, the camera swing also has a problem. When using the Dynamic V2 Camera modes, you'll see that you cannot see the defenders image when defending a free kick or you may not even be able to see your goalkeeper taking a kick. When passing it happens almost all the times in the dynamic camera that your fellow player to whome you are passing isn't visible. The same is prevailant many a times in the 'new Pro Cam' mode.

MY first impressions of the game are very good. Even though the game has minor and major hiccups, but it is still one of the best FIFA Gaming Experience on your Personal Computer. I hope they fix the bugs before the game's official release.

Trending Topics on Twitter

Trending Topics Survey conducted by 'Mashable'
Compiled and Edited by - Vidit Bhargava

1.**Football** - The young, talented footlball player Neymar Jr. was punished by the coach of Santos FC, and the coach was fired as a result.

2. **Harry Potter** - The trailer for the upcoming film Harry Potter and the Deathly Hallows released last week.

3. **Justin Beiber** - He's a trending topic all the time! This time he got a VMA for the Best International Video

4. **9/11 Remembrance** - 9/11 2010, billions and billions of tweeters tweeted about the "Twin Towers" of the World Trade Center which were destroyed in a terrorist attack that killed thousands.

5. **Selena Gomez** - Selena Gomez and the Scene released the music video for their new single "A Year Without Rain" on thew Disney Channel, after the world premiere of Camp Rock 2: The Final Jam.

6. **Rich Cronin** - The member of 1990s boy band LFO succumbed to his battle with acute myelogenous leukemia at the age of 35.

7. **Eid** - Muslims all over the world went digital and tweeted Eid Mubarak's to all their freinds and followers.

8. **Google** - Google Came into tweeting trends every week this month, first with their instant search service, then for their wonderful Agatha Christie Doodle and this week for their Birthday which was on the 27th September

9. **NCAA** - The 2010 NCAA College Football season began this month. People chatted most about Lane Kiffin, football coach of USC, Tyrod Taylor, USC quarterback, and the reappearance of TV show College Gameday on ESPN.

10. **MTV VMAs** - Lady Gaga accepted the award for Video of the Year (for "Bad Romance") at MTV's VMAs Sunday, Sept. 12th. The band 30 Seconds To Mars won the 2010 MTV VMA Best Rock Video for "Kings and Queens."

Emerging Technnologies
Token Multi-Touch

Vidit Bhargava

If you thought Multi-Touch Screens on your slick and smart mobile devices are the future, think again. A young chap Rodrigo, from Chile has created a transparent multi-touch screen. (which you might have seen in Sci-Fi movies like the 'iron Man'). A clear sheet of glass that beams out video from your computer and accepts touch inputs in return is the Token concept.

But Here's the Catch! The Touch-Screen is not 'actually' what it tells. Just like the the invisibility cloak by Susumu Tachi, this one, uses a rear projector for its video.

What's really special here, however, is the way he combines it with a Traktor Pro controller titled Emulator, turning a few intelligent finger swipes into a light-and-sound show.

What this young student from chile has created is just a showcase of what is to come. And what will be the Future. Perhaps, after generations of iPad. We see an iPad similar to this. (Who knows, but I hope the guys from the Silicon Valley are reading it.)

Difference in Core i3, Core i5 and Core i7

"3<5<7. Toh Core i3<Core i5, Core i7 bhi hua na?" – Curious me. Was quizzing a computer vendor on my last visit to buy a pen drive!

Second in series of processor analysis, I bring to you the technical yet readable differences between the Intel Core i3, Core i5 and Core i7 processors. Absolutely right, Core i7 is more powerful than Core i5 and Core i5 is more powerful than Core i3. But what exactly makes them different? To explain that, I first need to describe two technologies:

1. The Intel Turbo Boost Technology: Intel Turbo Boost Technology helps deliver more performance when and where you need it. If the processor detects that it is below its power, temperature, and current limits, its clock frequency increases to boost performance for active processor cores. (Processor Cores. What are they? Read my previous post). Optimization of available resources. So if you are running a multi threaded application, that requires more power the technology intelligently increases the clock frequency. And if you are running a legacy application that is not multi-threaded the clock speed is increased further. Now for an analogy to this. Relate this to the problem of allocation of resources. Suppose you work for a construction company, and the company is working on construction of multiple buildings. With the available resources you have two options: Either divide the entire work force for different constructions or deploy some and keep a buffer. What Intel Turbo Boost Technology does is analogous to keeping a buffer. So you see that the Swimming Pool construction needs more labour, you direct the buffer to that. Or may be all except one building are complete, you direct the entire work force there. So what happens is that all work is completed in time and you make the best use of your available resources.

2.The Intel Hyper Threading Technology: This is the 'HT', you've seen over the Pentium 4 logo some years back. What this does is that, it allows multiple threads to be processed by a single core. But what's a thread? I quote from the famous Wikipedia:

In computer science, a thread of execution is the smallest unit of processing that can be scheduled by an operating system. (For more, check the link at the end of post).

More simply relate multi threaded applications to be multiple applications. I safely make that statement as many of the Intel

Technologies videos use the same terminology. Since this is a technology we have also seen with the Intel Pentium 4 processors, this must be coming as a standard with all processors? No, not all processors use the Hyper Threading Technology, and it may be even that the processors without Hyper Threading Technology are faster than the ones with it. To understand that better, let's analayse the working of different kind of processors.

Single Core Processors: Processors that processed just single threads.

Single Core Processors with Hyper Threading Technology: Process Multiple Threads at single Time. The Pentium 4 stuff.

Dual Core Processors: Two threads are processed in two separate cores on a single processor. The important point here is that this isn't Hyper Threading, since one core is processing only a single thread.

Quad Core Processors: The same technology as the Dual Core Processors, except that the Dual Cores as the name suggests have 2 cores and the Quad Core have 4 Cores. More Cores, more power!

Multiple Cores with Hyper Threading Technology: This is something really fast than any of the previous processors, I have discussed through out the post. In such processors, every core on a multiple core processors processes 2 threads. So a Quad Core Proces-

sor with Hyper Threading Technology, can process 8 Threads at a time!

Now that you know about the different kind of processor technologies, the comparision between the Core i3, Core i5 and Core i7 becomes more easy to understand. (For specific clock speeds. Don't forget to read the important note below). **

A Core i3 processor has 2 Cores, and it manages 4 Threads. Yes, it supports Hyper Threading but no Turbo Boost.

A Core i5 processor has 4 Cores and it manages 4 Threads. It doesn't support Hyper Threading but it does support the Intel Turbo Boost Technology.

A Core i7 processor has 4 Cores and it manages 8 Threads. Yes, it supports Hyper Threading and Intel Turbo Boost Technology.

What's also different is that the Core i7 and Core i5 processors have different cache sizes. If you have little knowledge about cache, just take it for now that more the cache, more the speed.

The comparison is for desktop processors with certain clock speeds. Cores on Core i7 can go up to 6, and hence number of threads up to a whooping 12. . Now being familiar with these technologies, you are ready to read between the lines of the technical specifications sheets.

Games **EA create**

Vidit Bhargava

Whatever this game may be (or end up being), the EA guys are surely and truly creative. The introduction video of this game, which came just after the E3 is something to watch. EA has certainly made a bang with what I will say, one of the most creative videos of 2010. So what was the name? eh? 'Create'.

Releasing in November 2010 on all the next-gen consoles (PS3, XBOX 360), Wii, PC and the Mac. Create is a game for those who loved sim-cities. Here you gotta create a 'scene'(unlike sim-city where you were supposed to create cities.) and use EA's 'dynamic' tools to bring it to life. The scene can be real or completely imaginary. You got to have the Ariadne Instinct (Ariadne's the creative architect in Inception.), Here bikes role. Giants get bitten by the tiny homoe-sapiens! any thing happens in the world of Create.

The point is, Amidst all the action from the Call of Dutys, Gode of Wars, NFS or FIFA. Here is a game that promises to be different. A light hearteed game where you can potrait what's in your mind, on the screen. However, I do not, expect it to rule the hearts of the 'Gamers' of today. Who are too busy playing Call of Duty, God of War, NFS (or other streat racing), to play a game like Create. The game is supposed to gain from the casual gamers, who play only for fun.

Anyways here is the detailed overview, straight from the horse's mouth:

Create your Scenes. Use powerful tools with thousands of stickers, brushes, textures, elements, animating objects, and more to create each scene your way. Dynamic tools bring your scene to life! Mix and match from different themes and art styles to create your unique environments.

Unlock a World of Play. In a game powered by your imagination that rewards you for being creative, unlock new tools, objects, fun challenges, and more.
Experiment with Fun Challenges. Over 100 challenges to spark your imagination. Use your creativity in each scene to power-up your play and unlock new hidden areas. Experiment with objects and effects to create simple, challenging, or even crazy solutions.

Fun for the Whole Family! A unique experience that's fun and easy for anyone to pick up and play.

Share with the World. Upload your creations easily with your next-gen console or PC/Mac connected to the internet. You can share your creations, as well as browse, download, and remix anyone's creations. (Playstation 2, Xbox 360, PC, and Mac only. Requires internet connection.)

New Twitter
@ViditBhargava

Edit your profile →   ☰▾

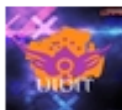| Timeline	Favorites	Following	Followers	Lists ▾

So What's New About the New Twitter? How exactly is it new?.

New UI: As you can see in this background, that the new twitter has revamped its UI to something more stylish, they've made it into a 50:50 two pane layout. Where on the left side you get all the tweets, while on the right you can view the replies, retweets, to the tweet. In-Addition to this you can also view 'mini-profiles' of twitter members also.

Photos and videos: On the right pane, you can also embed your twitpics, flickr pics, youtube and vimeo videos. So you don't have to go anywhere to view the embeded photos, just click on the tweet and you'll get it. Simmple! And its really awesome.

So the newTwitter is something in which twitter has added their life and soul. It has redefined twittter in many ways. Those days are gone when you couldn't share pictures and videos with your followers easily. You can do that now, and in a much better way. The newTwitter design is also available in its iPad app, where it came before it was rolled out for the web-users. It's a certain thumbs up from my side!
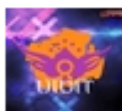
15 hours ago via web   ☆ Favorite   ↰ Reply   🗑 Delete

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http://www.youtube.com/watch?v=XEEiQaAsWo4& - The new Anthem For CommonWealth Games 2010!
24 Sep

viditb Vidit Bhargava
RT @RajeevMasand Peepli Live is India's entry to the Oscars for Best Foreign Language Film. Now let's hope it makes the final

close ✕

@viditb
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A Glimpse of New Twitter and it's additional services which make the tweeting experience better and interactive!

" CWG Delhi 2010 Sports Anthem Jiyo Utho Badho ...

You Tube

▶ 🔊 0:00 / 2:09

via 📺 YouTube

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15 hours ago via web ☆ Favorite ↩ Reply 🗑 Delete

MVDIT TECH QUIZ - 2010

Vidit Bhargava

We've been hosting tech-quizes every month, on our e-zine but last month we decided to take a new step, we decided to host a mega - quiz open for all. We had a few innovative ideas and dropped them all in it!

All the registrations were made before hand, and over 50 teams took part in the event. My inbox was flooded with registrations coming in from everywhere delhi, hyderabad and where not. A majority of the credit for this goes to gyaan[dot]in and tEN both of them, really helped us in the promotion and providing technical assistance.

The next level was conducting the prelims. Prelims were 'online' we sent the registered participants, the questions in a pdf file through e-mail and asked them to answer withing one hour. For one thing it was clear that not all, will attend the quiz. But to our suprise most of the people gave the answers. It was fun checking themm, so made really funny attempts at the tough one's, while most of them got the easy ones.

Six Teams Qualified For The finals, which were to be held on 'Google Wave'. Google Wave? Yes, you read it right! We conducted the finals on Google. It was real fun in the finals. Every one was excited about this new innovative idea. The next thing we did was make an innovative final round where we, declared war! We gave easy questions and the one who got the correct answer first doubled his points, and the one who got it wrong got -10. The teams loosing in the first 3 rounds got a chance to accelerate, and what we got was tremendous applause!
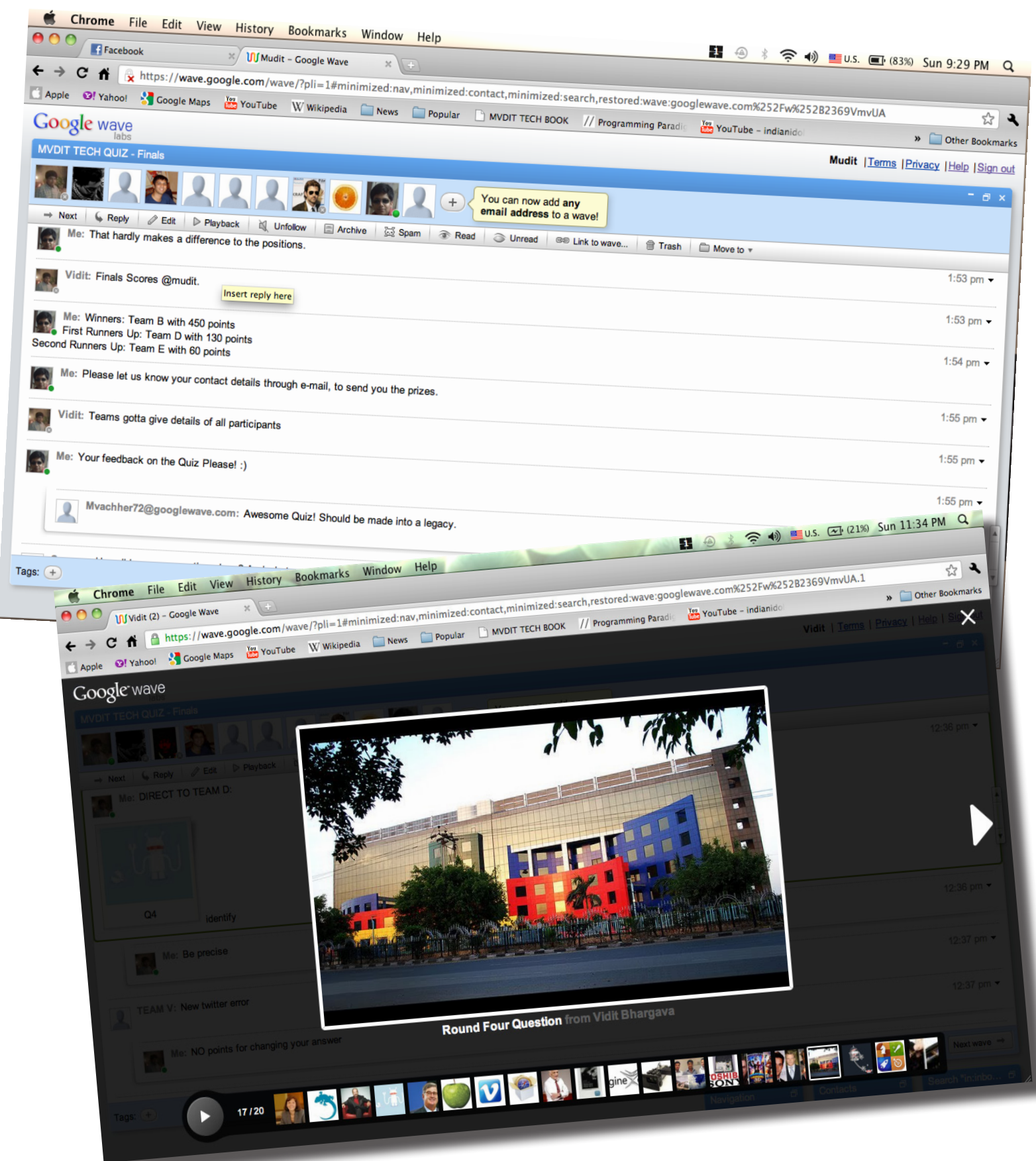
Manas: It was fun boy. Wild bunch here

Winners: Manas Gautam and team
Runner up: Mayank vachher
2nd Runner Up : Prem (a.k.a Kabir3)

Snapshots from the Real-Time onlne final of the MVDIT TECH QUIZ!

Image Courtsey : Apple , google, Eletroni Arts.