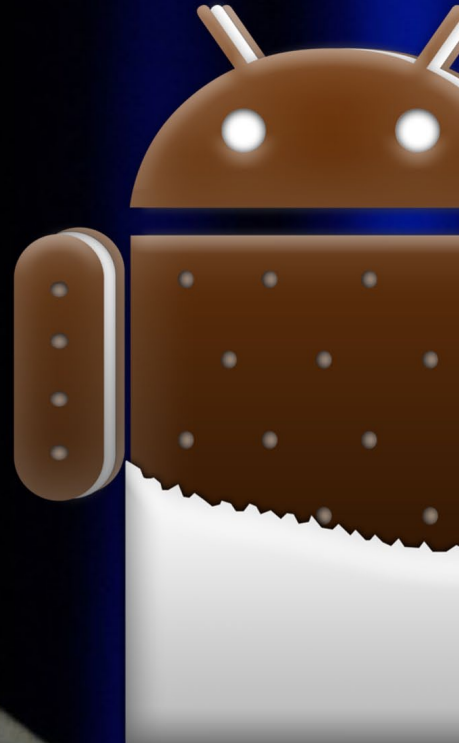


M

October 2011



**Steve Jobs
CineConnect
iPhone 4S and Siri
Rockstars of
OpenCourseware
And Other News**



PREVIEW

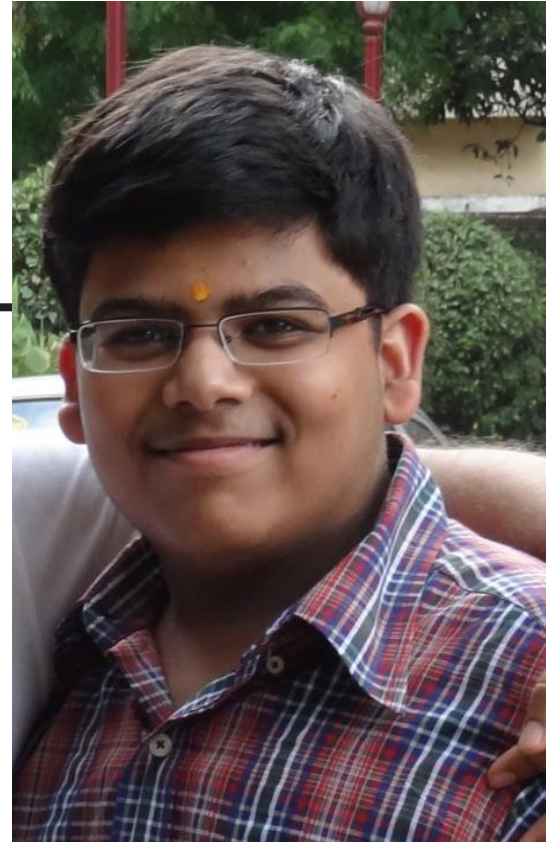
E-Zines are a great source of compiling the monthly news in a single document. However, this month has been one of the darkest months in the modern history of technology. With the death of greats like Steve Jobs, Dennis Ritchie and John McCarthy there hasn't been much good news to talk about.

Steve Jobs death was a great shock. Somebody who has inspired me for the past 5 or 6 years. He is one of the greatest reasons this techbook is up and running, his inspirational keynotes are something to collect. They are just wonderful. This month's cover story features more about him.

This October edition is all about, Steve Jobs, his creations, the new iPhone 4S, an amazing new app called CineConnect and the great opencourseware lecturers and more.

I'll take leave now. There is a lot to read this time :)

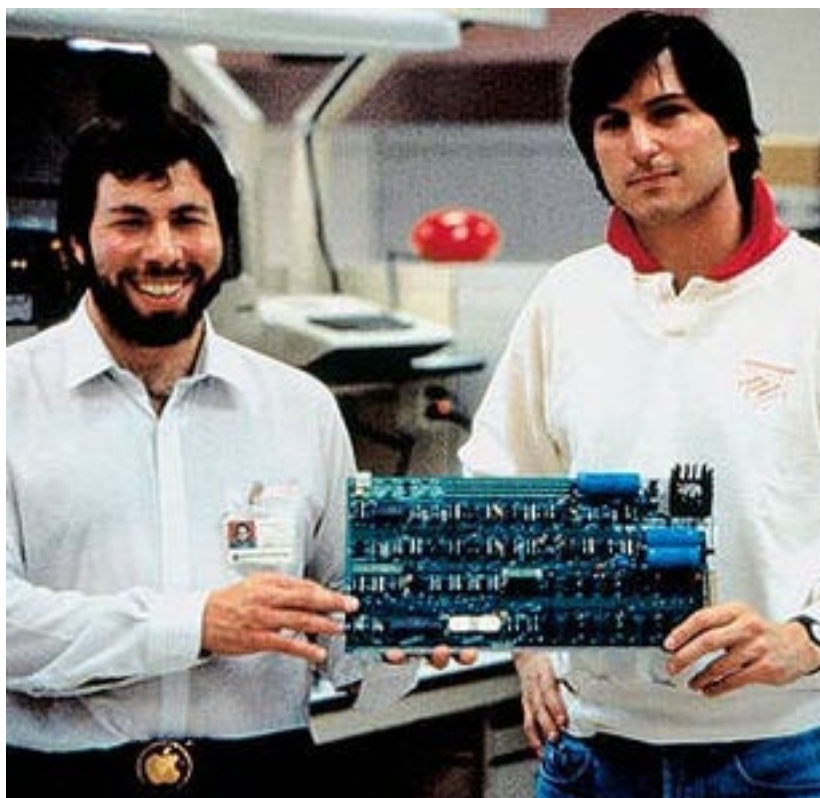
Keep Reading,
Vidit Bhargava
Editor MVDIT TECH BOOK
Mail: viditb@mvdittechbook.com



CONTENTS



STEVE JOBS



HIS 10 BEST CREATIONS



CiNE CONNECT
An iPhone app you'll
love playing

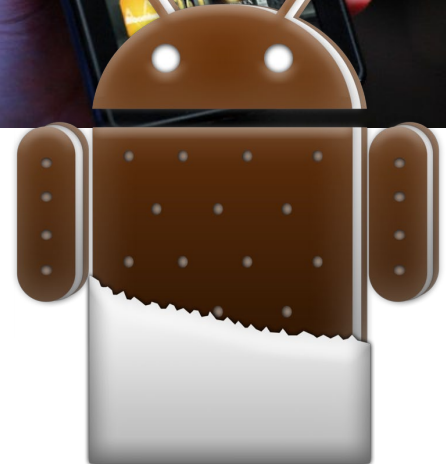
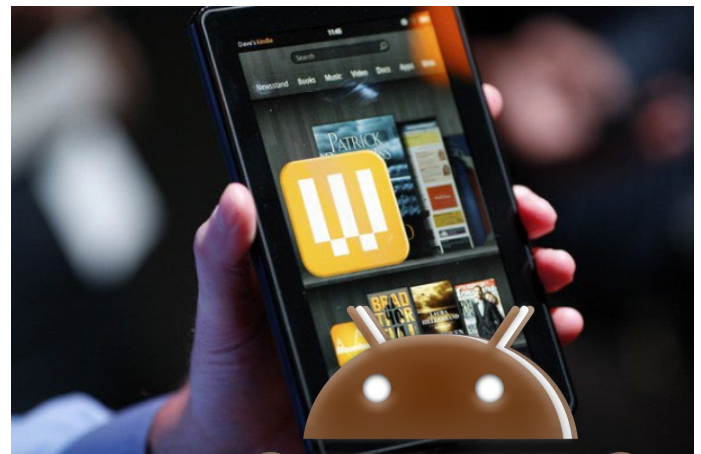
ALL LOGOS AND PICTURES OF OTHERS ARE PROPERTY OF OTHERS



Meet the new
iPhone 4S
MVDIT TECH QUIZ



ROCKSTARS OF
OPENCOURSEWARE



OTHER IMPORTANT
NEWS [PICS]



COVER STORY

REMEMBERING STEVE JOBS

Vidit Bhargava

The other day, I was trying to frame my report on the New iPhone 4S. It just wouldn't take off. It was never a problem with Steve's Keynotes, usually his punchlines and comments would form the major portion of my article. So whenever I felt I couldn't start an article, I'd quote his words, and then start with my comments.

That day, when I woke up, I knew I was a little late, my brother had woken up and was on the mac, gaping at the screen. I wondered what was the matter. The picture became clear slowly, He was gaping at the image of Steve Jobs, left of which was written, "Steve Jobs: 1955-2011". Shock was my first response, and it still remains that.

The Realisation that There won't be any one in black turtleneck, and blue Levis delivering breakthrough keynotes, popping up when every-one felt that his end was near, and then saying "The Reports of My Death Are Greatly Exaggerated", is haunting to say the least. Just months back he was alive, happy and delivering his last keynote, selling the world another brilliant idea. He was alive then, dead now. *(It still passes as a new wave of shock as I write this.)* There won't be that one more thing again.


Many people have been praised for their work, Very few of them have been praised by their competitors, and only a handful have been able to see the whole world bow down

to their creations. Steve Jobs, is just a notch above those handful of people. He is the inventor of the modern day computing world. Had Jobs not done what he did in his life, the world would still be seeing computers in offices or as a part of huge military strategies.

Jobs drove a company from the verge of bankruptcy to the most valuable tech-company in the world. He lived Apple. His ideology was his company's ideology. At Apple, Steve Jobs created the products of a millennium, he brought personal computers to home, He taught the world how to point and click, Without him, the computer screens would have been lifeless black boxes with green text, He reinvented the term Music and resurrected TouchScreens from the dead. iPad was a science fiction gadget, just a few years back. Avatar and StarTrek had similar devices. **If God created Universe, Jobs certainly created the Computer-verse.**

People say different things about Steve Jobs. They say, he even knows how to sell crap, He is a great speaker, He is a visionary, a mentor, an inventor. I'd Just say this, "He Thinks Differently." He dared to change the world. And he was successful in achieving that impossible task.

The major innovative thrust that the tech-industry got in the twenty first century was only possible by Steve Jobs contribution to



it. From the then, extremely thin and good looking iPod to the iPad of today, Steve's inventiveness has helped the Silicon Valley a great deal. Most of the popular products of today, owe some or the other creative element to Steve Jobs. And with Jobs Gone the Tech-Industry to is all set to face a long creativity block.

Steve Jobs may have sold millions of products, he may even have failed selling a few, but he has never failed to inspire. Jobs hasn't made many public appearances except for his keynotes but when he has, he has always given inspiring speeches, and stuff full of memorable quotes. Remember the Stanford Commencement Speech? Every word he spoke has been quoted again and again for the past 6 years. And Strangely enough, the words he quoted from others works, have also been quoted as his several times (Stay Hungry Stay Foolish!). A powerful speaker and a great inspiration he is.

I've really liked one of his traits, and that is to love what you do. He never bothered about

money. For Steve Jobs, creating fascinating new technical devices was equavilaint to being the richest man in the world.

I've always wanted to know more about Jobs and I do hope that his only authorized biography by Walter Isaacson will provide more insight to this great man's universe.

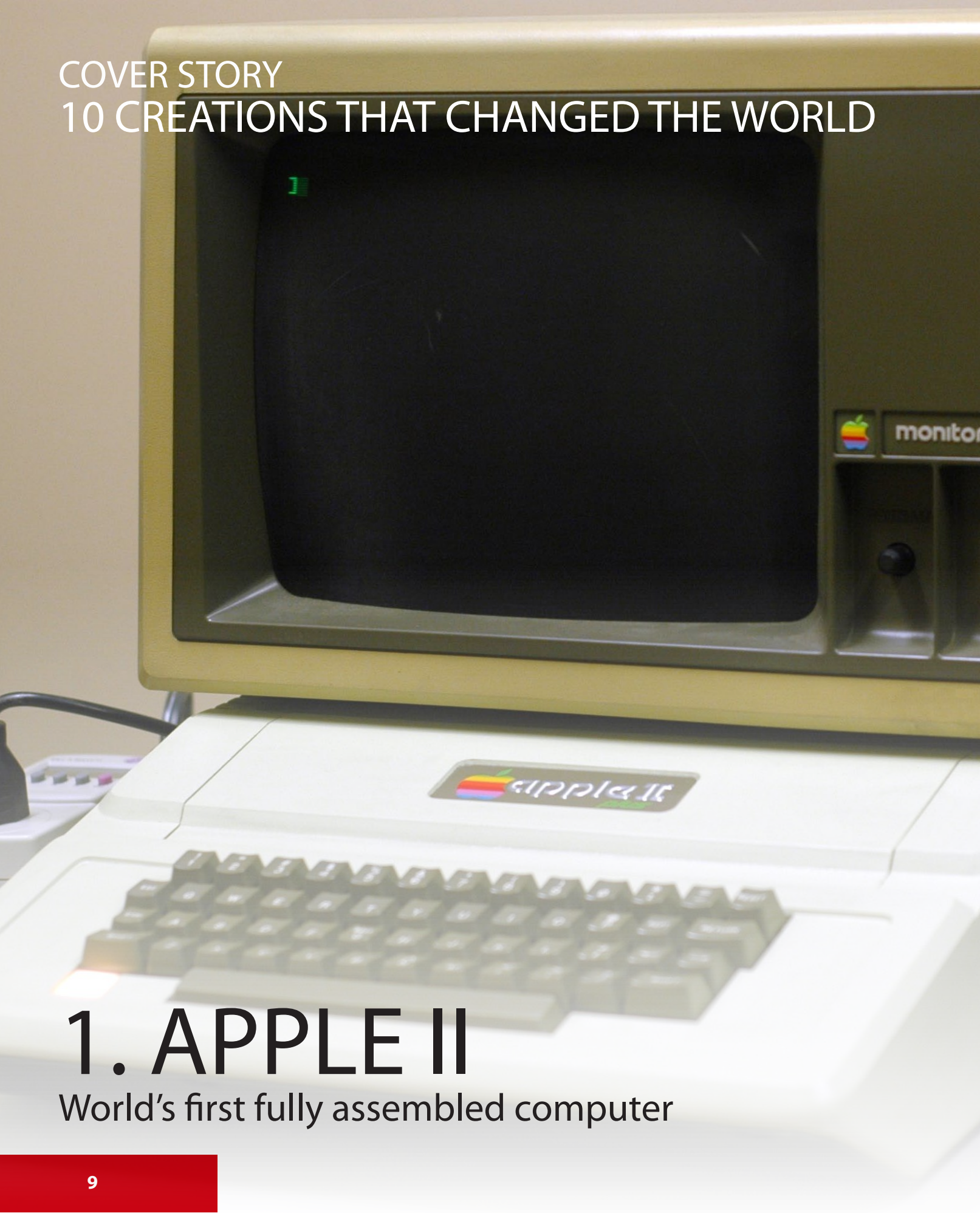
"We're born, we live for a brief instant, and we die." I beg to differ Sir Jobs, "Real Artists never die." May you always be with people who dare to think differently.



The viral image created as a tribute to Steve Jobs by Jonathan Mak.

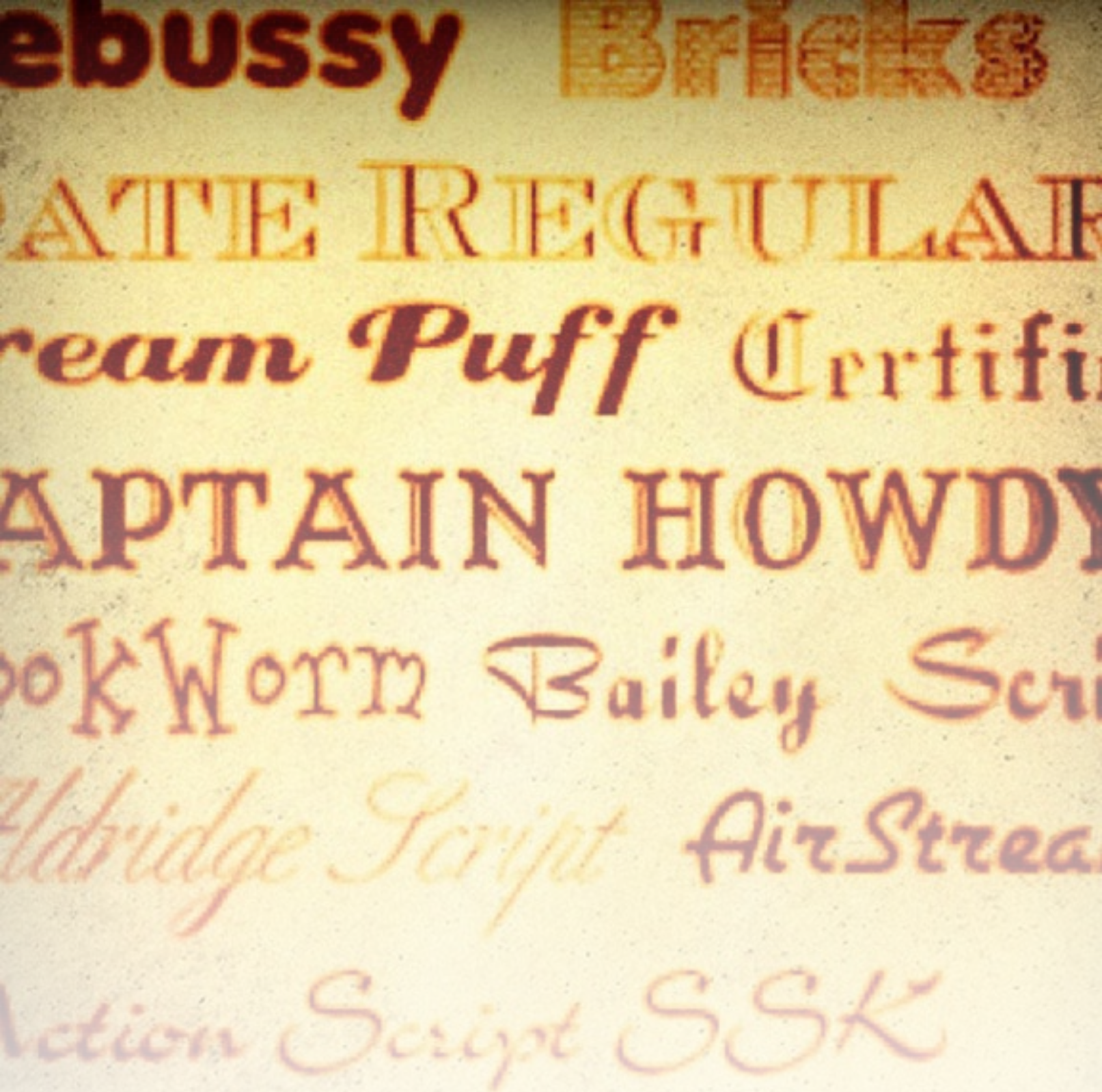


COVER STORY
10 CREATIONS THAT CHANGED THE WORLD



1. APPLE II

World's first fully assembled computer

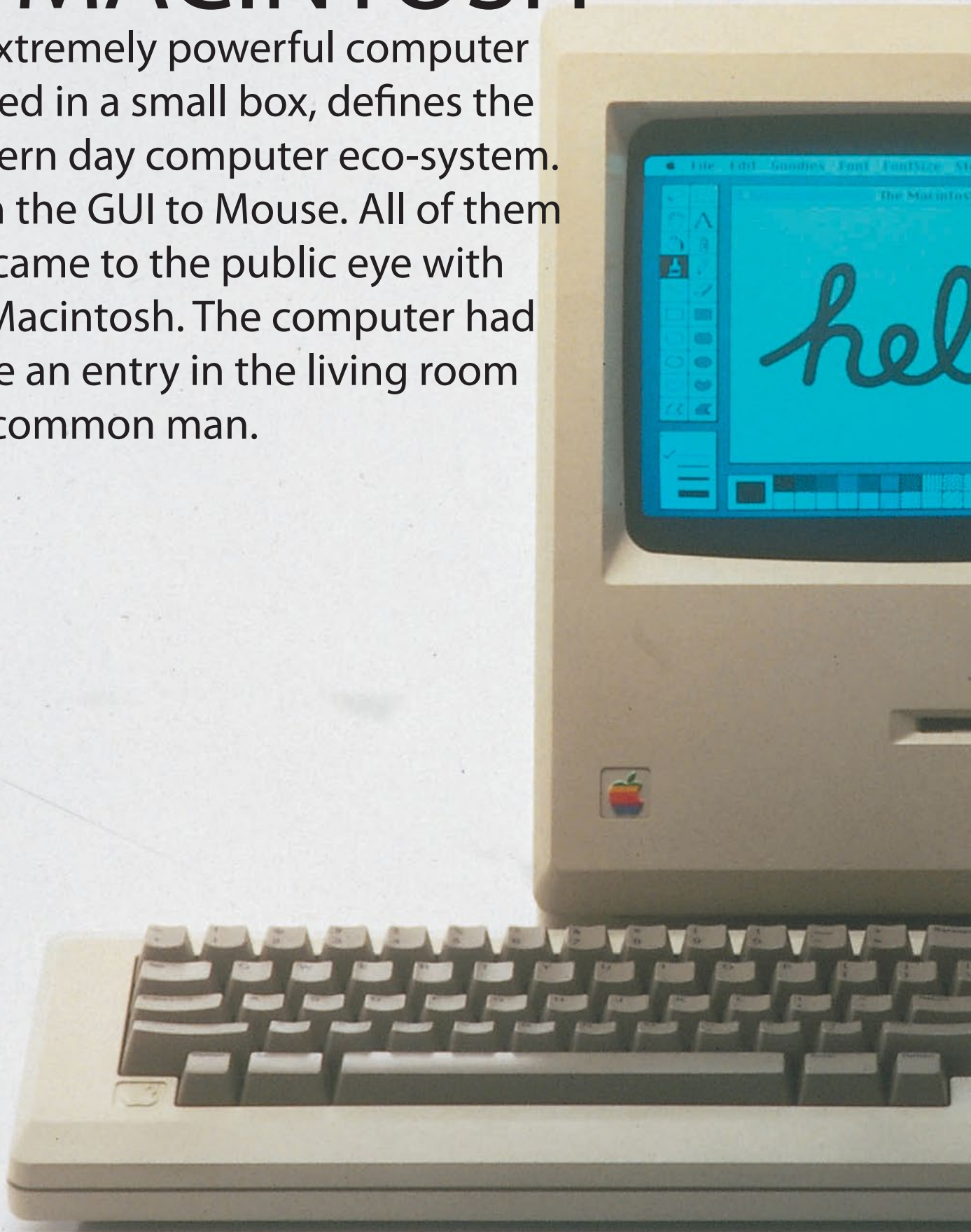


2. TRUE TYPE FONTS

The fonts on your school report are Steve's invention

3. MACINTOSH

An extremely powerful computer packed in a small box, defines the modern day computer eco-system. From the GUI to Mouse. All of them first came to the public eye with the Macintosh. The computer had made an entry in the living room of a common man.





4. PIXAR STUDIOS

The world of animation movies got a major update.







5. IPOD

Open the pod bay doors. October 2001, the music industry changed forever.

Protective
Anti-reflective
Coating

Sensing
Lines

Insulating
Material

Driving
Lines

Protective
Cover

Bonding
Layer

Driving
Lines

Sensing
Lines

Glass
Substrate

6. MULTI-TOUCH

You heard about it. Its all over of the world.

LCD
Display
Layers



7. iPhone

Steve Jobs reinvents the phone.





8. APP STORE

Apps... They form the structure of the new phone.



1. MAC BOOK AIR

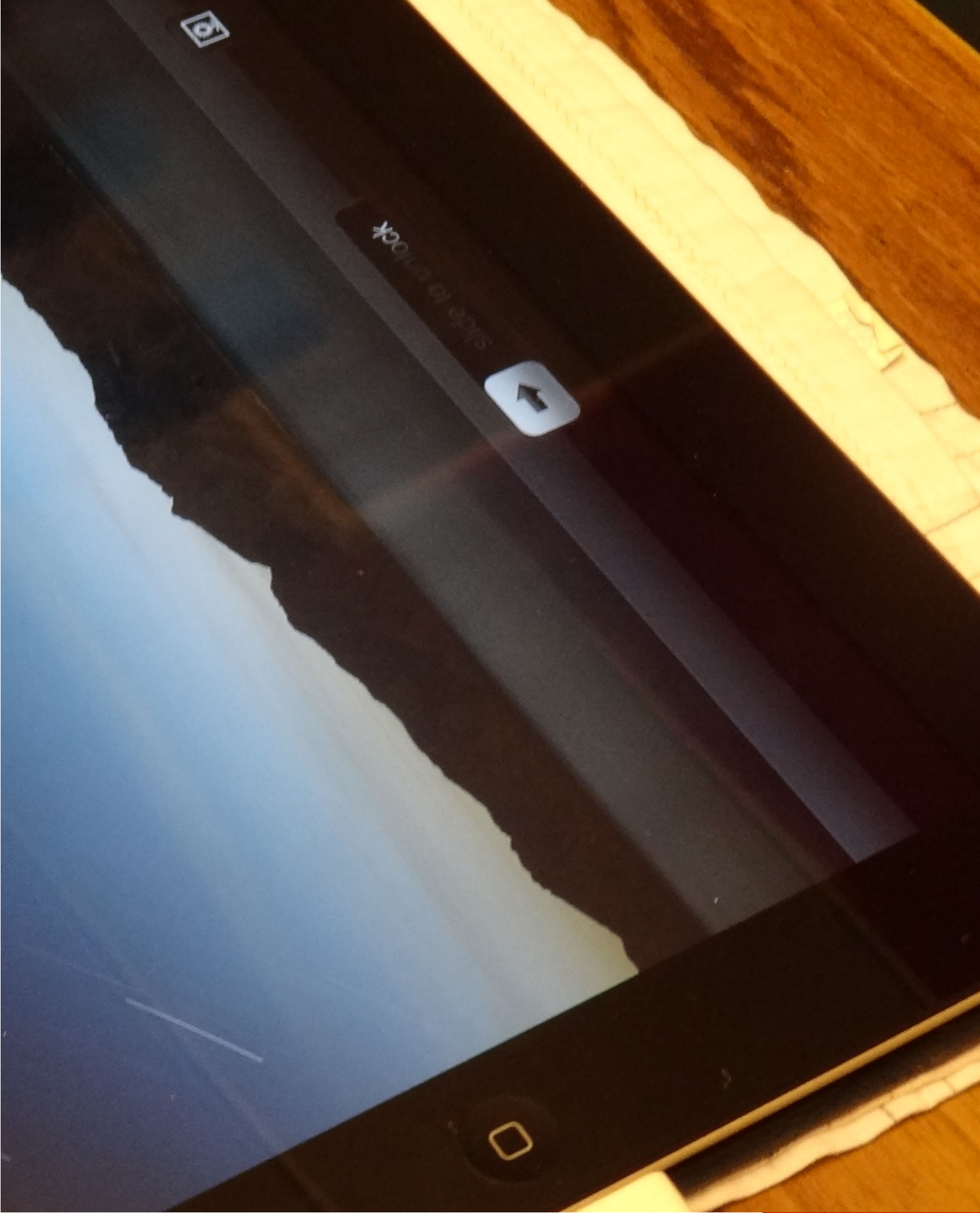
The inception of “**Thinnovation**”.

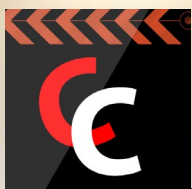




1. iPad

Welcome to the world
of tablets.





COVER STORY

CiNE CONNECT



Vidit Bhargava

Developing an iPhone App has always been my passion, ever since I first saw an app on the iPhone 3G. I had always wanted to develop something for the app store and sell it. That obviously could not happen because I was just 14 at that time. So when my brother came up with the idea of an app, I couldn't resist myself to contribute.

Mudit Bhargava a computer science engineering student was busy working on his new-breakthrough algorithm and attending Stanford's video lectures on iOS in his summer vacations. He desperately needed to create an app which would combine both of his newly learnt skills. We both went through various ideas of creating an app. And finally we zeroed in on one app, called Cine Connect.

The idea is partially inspired from the connect questions in a quiz, where you are given several clues and you need to find the connection between them. The same has been done here. You are given three instances in, around or about a movie and you need to identify it. There are 5 levels to be cleared and each level has 10 movies to crack. All you need to do is type correct answer and you will be taken to the next movie. And while you pass several landmarks you earn achievements also.

Initially we felt a huge problem in creating about 100 movies. They were big. Big enough to scare us all. But once we shared the idea, it was followed by long video sessions on and off skype. And for about the month the major topic of the discussion were clues. Everyone was creating them, at the dinner, in a party, everywhere. The Cine Connect mania was on. And eventually we ended creating more than what we had thought for. The fun began when we started creating the images. Care was taken to keep the clues as beautiful as they could be, and also arrange them in the 'right' way. My work in the Cine Connect team was mainly related to the UI creation and enhancement and creation of clues. It was one fun-trip to photoshop!

12345689





A major boost to the app has been Game Center. Friends can share compare their scores, earn achievements. GameCenter adds that definite game dimension to our app. It makes it from a mere time-pass to a challenge you must accept.

Development of Cine Connect has not been without its share of delays. Initially we planned to release Cine Connect by 15th August. That obviously did not happen. College and School Exams, followed by a brief creativity out-burst, meant that we ended up adding more features than we had thought of. Moreover time-less on-field testing, debugging and organizing has resulted in a flawless app, which leaves absolutely no loop-hole and no instant upgrades to think off. It has been a great learning experience.

Development of such a big project could not have been done single handedly. Cine Connect is a creation of its team and not one person. Working in a team has helped spread the project to various platforms and got it popular among various groups. Time-less brainstorming sessions have only helped us better our app and programming skills. While Mudit was the head of the iOS programming, other team-mates were responsible for creating new clues and spreading the game to various platforms. My work was behind-the-stage, I was responsible for the design of the icons, and the app UI, and occasional editing and creating of clues.

Cine Connect is currently waiting for the App-Store approval. And we hope that all the iOS users love the app as much as we do. CineConnect will be available for both English and Hindi Movies.

COVER STORY

MEET iPhone 4SIRI



Vidit Bhargava

Going by the trend Apple follows with its new devices, Apple generally introduces a new design one year, and then stabilizes it the next year (iPhone 3G – iPhone 3GS), so it wasn't really a surprise when Apple introduced the iPhone 4S with the same design and a few necessary tweaks.

The iPhone has gone through a few very necessary updates, which were sort of expected after the launch of iPad 2. The first one is the A5 Chip. Single Cores are stale talk now, even though the iPhone 4 was blazingly fast, Apple had to throw in their A5 Chip, just to keep pace with others. The 1Ghz Dual Core Chip, with a dedicated Graphics Engine has already proved its strength in the iPad 2, and it'll be real fun to see how it does in the iPhone 4S. Early reports however suggest that the iPhone

chip has been under-clocked to 800Mhz, which doesn't look like doing bad either.

The camera in the iPhone 4S has gone for a major upgrade, along with a new 8 Megapixel camera, Apple has also played with optics, the new camera now features a CMOS Sensor and 5 lenses instead of four and 1080p recording is now supported. Also the Aperture has widened. Long Story Short: Your new iPhone is capable of clicking photos much like they'll be shot by a good digital camera.

But it's a Phone update isn't it? Just upgrading the camera and the Processor won't do the trick, it doesn't impress me! Not to worry, the iPhone 4S comes with a completely new antenna system, which not only corrects its older problems but

also makes it a GSM + CDMA Phone, and promises a faster reception and great speeds. Apple also claims it's the worlds first World Phone. Now that is what I call a Phonely update! There is finally something to upgrade.

Their not done yet, there is also a nice little voice assistant built in the phone. They call it Siri. It's always that one more feature which makes or breaks the product. Siri is the replacement to Apple's old aging and pathetic voice assistant which is not even capable of playing a song for me. So it really needs to do well to make this meek update roar in the market.

Originally Siri was an iOS app (which I did not know about until very recently), based on intelligent voice recognition. It was created by Dan Kittlaus, Adam Cheyer, Tom Gruber And

Norman Winarsky. Apple bought Siri in April 2010.

When Scott Forstall came on stage to do a live demo of the voice assistant, it was quite a daredevil task, looking back at the history of voice assistant. Things worked out incredibly smooth however. And Siri was the party popper.

Siri, (the iPhone assistant) is a completely different tool from what you may have seen in some iOS apps. Here you can talk to the phone casually, while it tries to produce an appropriate solution, just like an efficient secretary. So if you tell the Phone that you are hungry, it will bring up a list of restaurants near you. Tell her that your car is broken down, and it well get give you a list of nearest car repairs.





Siri at a mere glance looks magical, nearly intelligent and straight from Science Fiction. However Siri comes with its own restrictions. One such example is limited language compatibility. Theoretically English is a very widely used language and many people on Earth can speak it. But on the practical side of it, when you are in trouble or desperately need help, you are bound to speak in native language which Siri in all probability, doesn't understand. Also, Initial Reports suggest that outside US, Siri cannot even look up places or understand your location.

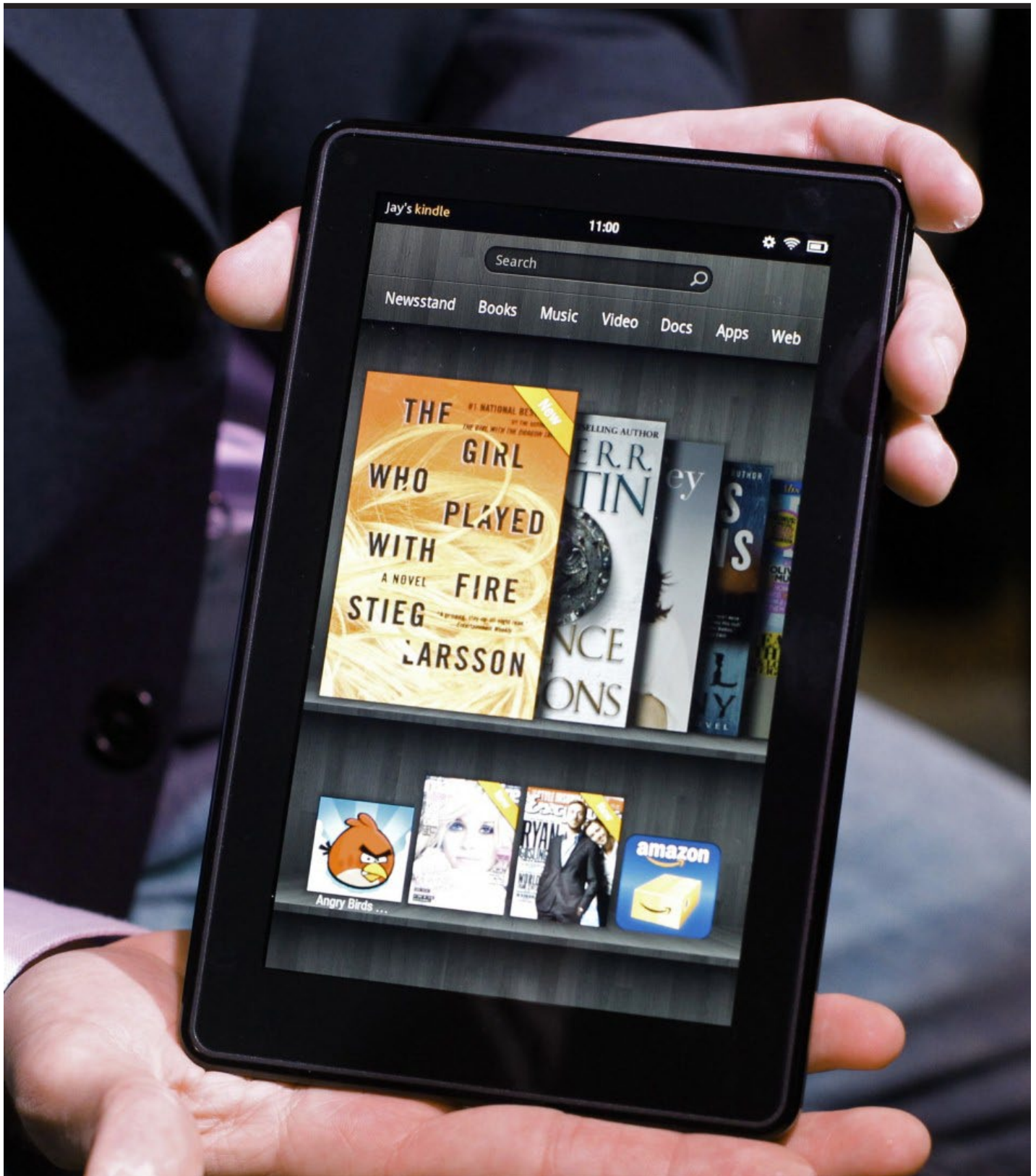
Siri is also efficient at producing Witty remarks, "Siri, can you murder someone for me?" it replies "I found 3 mental health agencies fairly close to you!". You can find many such remarks at : <http://goo.gl/r002M> & <http://goo.gl/mW-WGS>.

Summing it up: iPhone 4S is the most stable iPhone to date, and it's bound to stay for a long time (Just like the 3GS), it's selling point however lies in Siri, which will have to do incredibly well to save it from a sans-Steve failure. But that looks like a far fetched idea, because initially sales have already shattered servers and records.



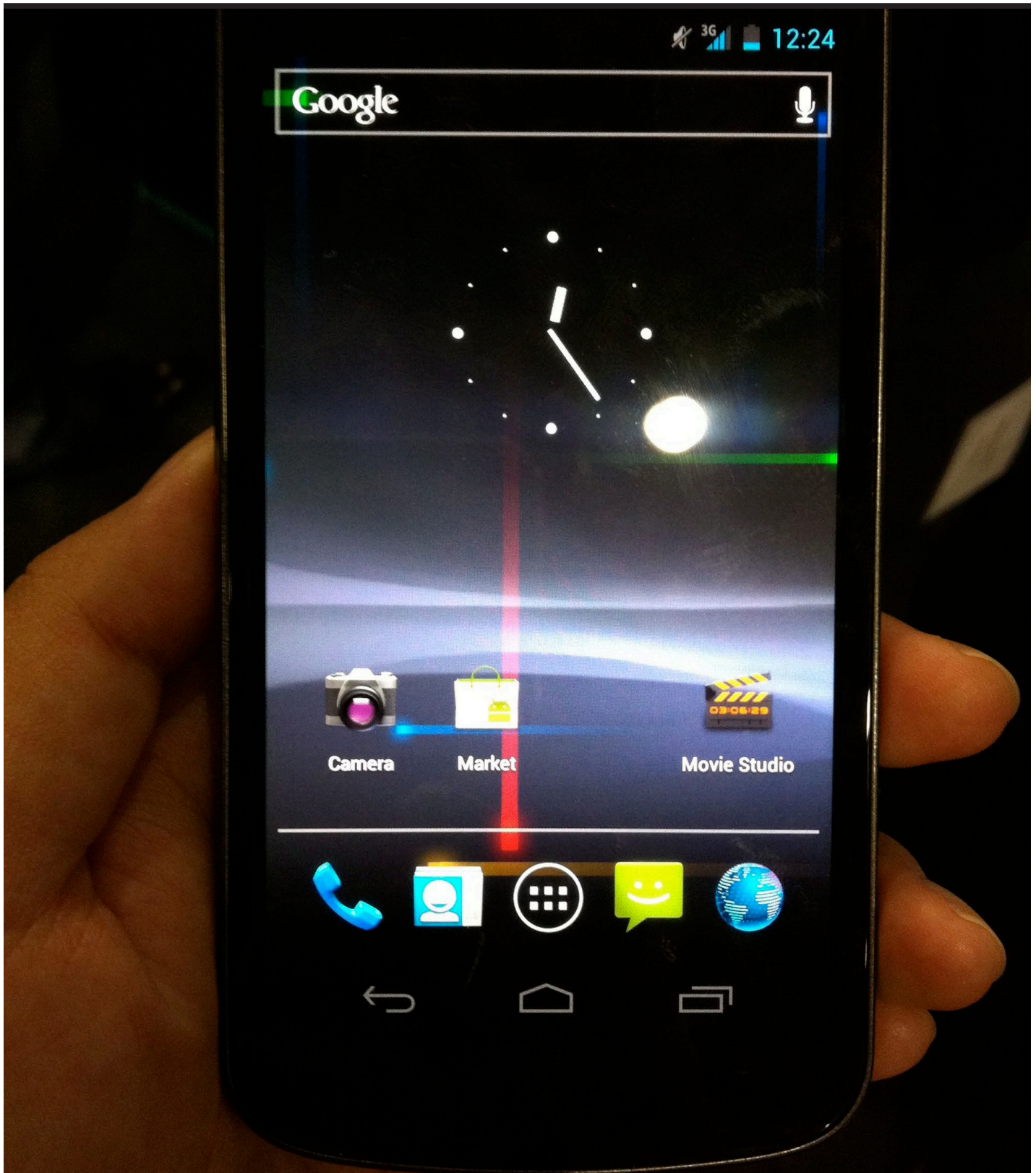
OTHER IMPORTANT ANNOUNCEMENTS

KINDLE FIRE



OTHER IMPORTANT ANNOUNCEMENTS

SAMSUNG GALAXY NEXUS



OTHER IMPORTANT ANNOUNCEMENTS

DROID RAZR





EDUCATION

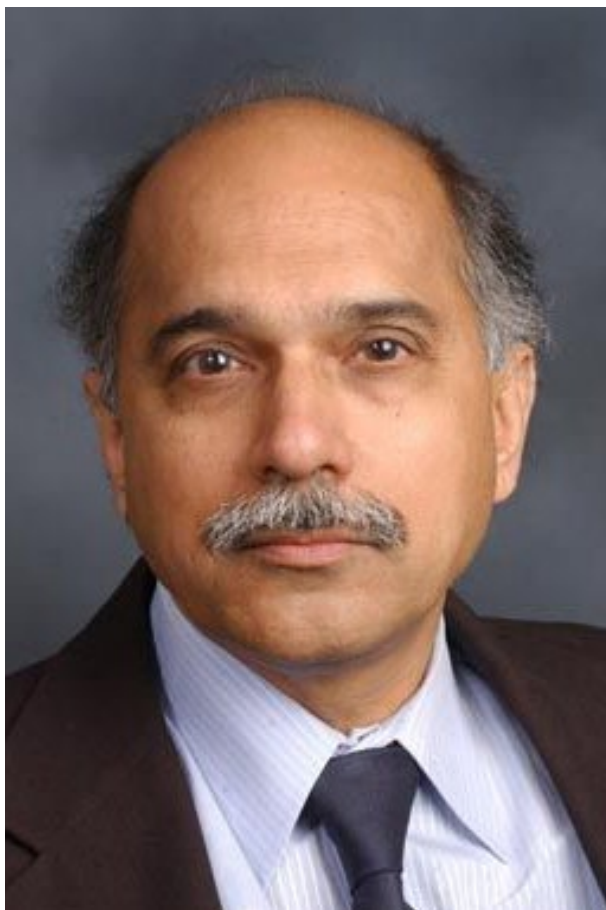
ROCKSTARS OF OPENCOURSEWARE

Vidit Bhargava

A man. A seemingly simple man is explaining a class of MIT students, the law of conservation of momentum. He is standing where only moments ago a giant pendulum had crushed a glass window. He is now going to swing the same pendulum but instead of the glass, it is he who is staring at death with his super-natural self confidence... Welcome to the lecture of Professor Walter Lewin, here guns are fired, lives kept at stake and the laws of physics grilled to the very extremes. All this pain is taken to teach a bunch of undergraduates the basic laws of physics. All this is part of OpenCourseware by the way, which is accessible to everyone having an Internet connection.

Classical Mechanics by Walter Lewin is one of the most interesting lecture courses on Mechanics. Some really great teaching is peppered with practical activities like shooting a toy monkey to understand a complex problem on projectile motion or firing a gun and observing it's speed to analyze the power of uncertainties. Also Lewin has his style on emphasizing facts which ought to be remembered. His lectures are generally short and include quite a few problems which often come in exams. He is our lead guitarist who often does hand banging to make the crowd go crazy!

Ramamurthy Shankar from Yale University is our next professor. To make it clear, all Open-



Courseware professors don't keep their lives at stake in their lectures to teach basic concepts. At least Ramamurthy Shankar doesn't. His lectures are quite long and don't feature the fancy toy monkeys and giant pendulums. He has his own style. And that is simplicity. Professor Shankar doesn't follow any set pattern of teaching. He'll start by teaching a simple idea, and then build on it. So here you'll find more fundamentally challenging problems, like how to find the "mass" of something without calculating its weight. He works towards implanting an idea inside your brain. An idea, which if correctly placed will clear the basics very efficiently. So even if our professor from Yale isn't the kind of Rockstar with an electric guitar in his hand, doing head banging, he is one of those soul singers who leave the audience in a trance.



Elizabeth Taylor's lectures on Principles of Chemical Science are great too. She is distinctly younger than the two professors mentioned above, and also interacts with the students through various methods which include the lots of technology. Professor Taylor's innovative style of asking short questions and taking answers from everyone electronically and then displaying them as though they were poll results is very helpful as you learn about common mistakes that one makes. Also she is good at taking up general topics and then explaining the chemistry behind them. So if you ever wondered why 7up was called 7up you should check her lectures, the answer is hidden in them. She is the third and final Rockstar in our Open-Courseware team. She's sure to get a thousand fans with just one performance.

There we go, this is our extremely wonderful and smart Rockstars team. These guys have helped me more than anyone to study lots of things which otherwise I wouldn't have learnt so well.

MVDIT TECH QUIZ

Vidit Bhargava

Q1. X was established by Sachin and Binny Bansal in 2007 after they left Amazon. X is a famous website. What is X?

Q2. Name the American scientist who created BSD, the VI editor, Network File system and the csh shell. He also Co-Founded Sun Microsystems.

Q3. "Sorry Zuck, I had to do it eventually. (Actually @scooterbraun made me do it.)" - Whose First Tweet?

Q4. At the Web2.0 which concluded recently, Kevin Rose, the founder of the famous social site Digg. Introduced us to his new project Oink by his startup. What is the name of his startup?

Q5. On the 25th of September of this particular year, Apple Inc. released its OS X v10.1 (Puma). This was followed by the release of the iPod on the 23rd of October of the same year and Microsoft released its (then) latest Operating System 2 days later. Which year am I talking about?

Q6. The DivX codec is very well known in the P2P world today. DivX however also refers to Digital Video Express. This was created partly by Circuit city and an entertainment law firm to create an alternative to video rental in the United States. Name the firm.

Q7. Everyone knows of the Apple Advertisement in 1984 that announced the Macintosh to the world. The commercial, directed by Ridley Scott and written by Steve Hayden and Lee Clow, alluded to a novel "Nineteen Eighty-Four" which described a dystopian future ruled by a television Big Brother. Who Wrote Nineteen Eighty-Four?

Q8. "Hoarders may get piles of money,
That is true, hackers, that is true.
But they cannot help their neighbors;
That's not good, hackers, that's not good."
- Where are these Lines From?



Q9. Identify this indian.



Q10. Identify this Toronto based company, by the logo and the following anagram : Book.

Answers to previous edition:

1. Chester Carlson
2. Meg Whitman
3. Opera Experiment
4. Oracle
5. Homebrew Computer Club
6. Milk Moustache Emoticon :{
7. Darwin OS
8. Chillingo
9. RSS
10. Odeo
11. Nolan Bushnell
12. Anant Pai
- 13.
- 14.
15. Live Journal

Visit: www.mvdittechbook.com to check the answers to this quiz. to know more about Technology and answer more quizzes.

Mail us at :
viditbhargava@mvdittechbook.com for your valuable feed-back, questions, suggestions and for getting your answers published.