



The power to do more

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e-mail: bytes@thedailystar.net

INFORMATION | GADGETS | TECHNOLOGY

BYTES

HANDS ON REVIEW

TECH MARVELS: Driver Distraction Management System

Imagine you are travelling from Chittagong to Dhaka in a night coach. The bus driver, who has 13 years of experience driving in this route, had a very long day. Now after the entire day's hard work he must drive the 40-sitter bus to the destination 300 KMs away. Wouldn't it be great if there was a system/device that would make sure

that the driver does not doze off or get distracted? Well, then I have good news for you because researchers from Dhaka University has come up with a really cool innovation. **Behold:** Driver Distraction Management System! The name is almost self-explanatory. This system takes in account of almost everything:

facial expressions, blood pressure, heart rate, drowsiness, consumption of alcohol, cellphone chatter of the driver and also the engine status. Whenever there is a red flag on any of these, the system will alert the driver. Moreover the owner will be getting a notification SMS as well. In case the car falls in to an accident, there is an



SOS button which the driver can activate.

The most amazing thing about this device is that the recorded responses are stored online in a cloud platform. The platform can be accessed remotely using a login ID and password anytime. So the vehicle remains monitored all the time.

Hardware: A digital Sphygmomanometer, GPS, some sensors, webcam and some unique algorithms – these are the key ingredients of this unique gadget. And it would take only about BDT 20-25,000/- cost at most.

The team & their story Dr. Md. Abdur Razaque, Associate Prof. of the Department of Computer Science and Engineering of Dhaka University, the team lead of this project came up with the idea about this gadget 2 years back. Under his active guidance, a group of talented students from the Department of Computer

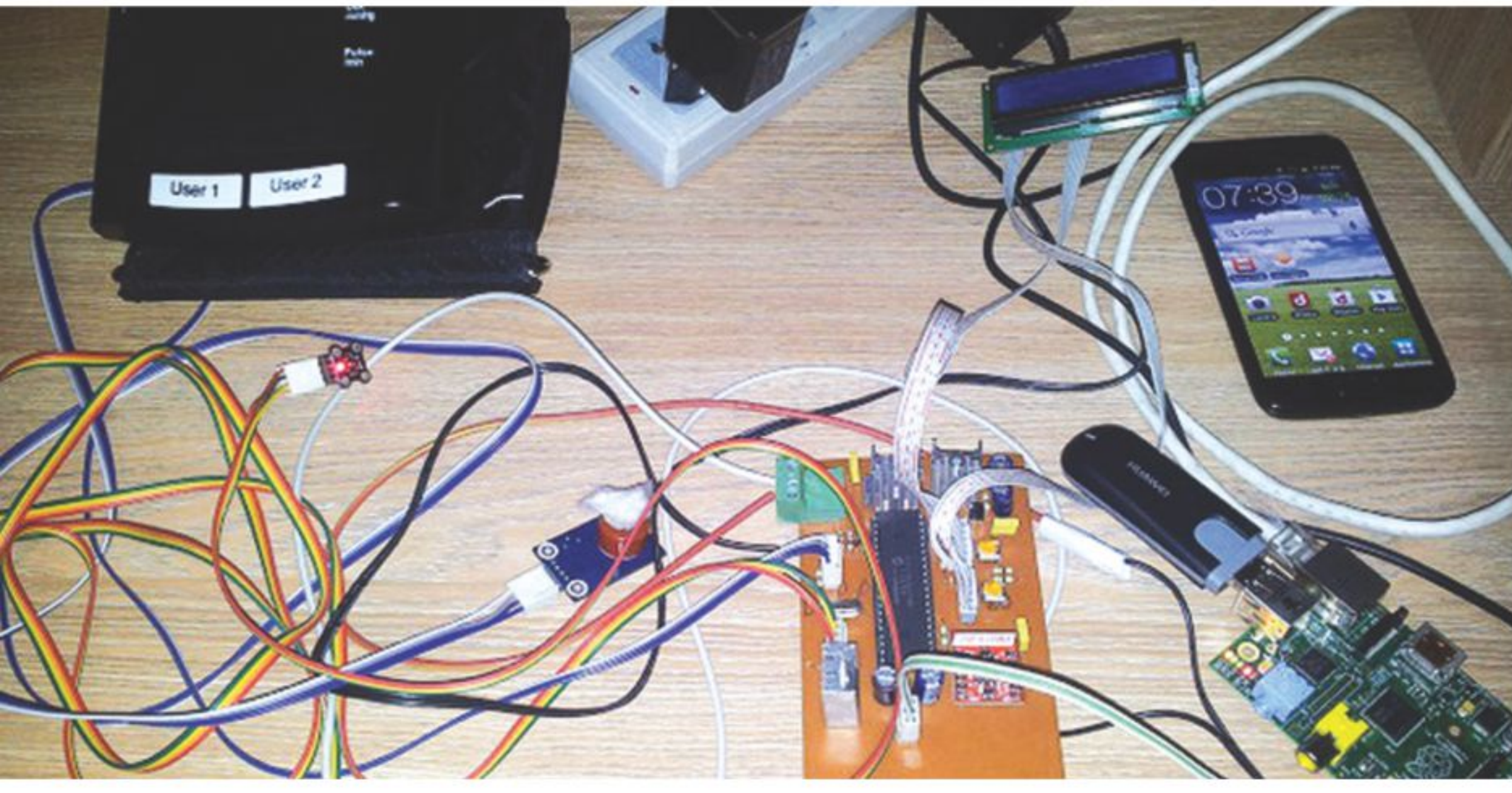
Science and Engineering of Dhaka University- Amit, Tamal, Sakib and Nusrat worked days and nights to develop this system. Dr Razaque, how he came up with this project, disclosed to BYTES: "The headlines of newspapers were filled with street mishap news. It was so frustrating to see. Seeing this is an important issue that we need to address, we devised a plan to come up with a gadget that could prevent these." He also added: "The system that we developed will try to minimize death tolls and damage of properties. In addition to that, vehicle owners and law enforcing organizations will be able to keep tabs on the current position and condition of each of the vehicles. Driver recruiting agencies will be able to assign efficient and capable drivers. Insurance claims can now be solved much faster, thanks to our device!"

Dr. Razaque's project was well appreciated abroad as well.

Information Society Innovation Fund of Brisbane found his project full of potential hence decided to fund AUSD 30,000/- "With this funding we were able to develop the prototypes of the device. Not only that, the project managed to secure 11th place amongst the selected 209 projects" said Dr. Razaque.

Very recently, Dr. Razaque introduced the device to various academicians, transport service owners and government officials in seminar held in Dhaka University. Chief Guest of the workshop, honorable secretary ICT found the device really inspiring and assured that the project will be having full cooperation from his side to implement a commercial version of the device. Already Shohag Paribahan has started to deploy these devices on test basis. Let's hope the streets of the country get a bit safer than before.

SHAHRIAR RAHMAN



SITE REVIEW

Dhakasnob.com

DhakaSnob is an online directory site in Bangladesh. It's a franchise running in many other cities i.e Ammansnob.com, karachisnob.com, joburgsnob.com. Though this site went on air couple of years back, but with a new management it's now better than ever!

Starting with the menial stuff: the privacy policy or the terms of use lets me know how seriously the owner of that website takes that service. Both of these, located at the bottom of the website of DhakaSnob leads to a blank page with "The requested URL /terms-of-use.htm was not found on this server." There is an interesting one liner written at the very bottom of their website which states "All Information deemed reliable, but not guaranteed." That's a doozy!

Coming to the good things: The website is fairly well designed. They used three different fonts; Verdana, Ariel and Georgia (probably), which normally would not match, however the color scheme for their site covers that up to the naked eye. All the pages in their site are consistent in terms of the theme and fonts, and this is a positive in my book. Interestingly some of the pictures I saw displayed as I browsed the site were not taken in Dhaka or even anywhere in Bangladesh, which is understandable.

Talking with one of the Admins of the site, Mr. Abbas Shahbazi we came to know about Dhakasnob's expansion plan and current popularity. Let me point it out for your better understanding:

Dhaka*Snob.com



- The list only contains the finest businesses of Dhaka City. Businesses can't pay to be listed here.
- Dhakasnob.com comes on google top search result on every major keyword search, for example: best restaurants in Dhaka" best cafes in Dhaka" bakeries in Dhaka" etc.
- For free listing dhakasnob.com provides the name, number and location of the company. But if the businesses are featured then they can provide additional information i.e. pictures, menu, events and promotions. All they need to pay is a yearly and half yearly charge. They are as follows: Half yearly Tk. 63,500/- & Yearly Tk. 115,000/-
- dhakasnob attracts approximately 50000 visitors a month, who are looking for restaurants, cafes and bakeries etc.

I understand what DhakaSnob was trying to do, but considering google already has a ranking service for businesses worldwide, including Dhaka, the whole purpose of an "exclusive online directory" seems a bit redundant. However, based on their website design, and the overall theme i would give them a borderline 6 out of 10.

ARIQ MASRUR

TECH HAPPENING

Inpacebazar.com's journey begins

Inpace Management Services Ltd. officially launched its new venture e-commerce site "inpacebazar.com" on Wednesday April 30, 2014 evening at a local convention centre in the city. The launching event was chaired by Mr. Md. Kamrul Ahsan, Managing Director, Inpace Management Services Ltd. and Chief Executive, inpacebazar.com. The renowned personalities of the IT sector of Bangladesh Mr. Mustafa Jabbar delivered the key note

speech. Mr. Md. Kamrul Ahsan, Managing Director, Inpace Management Services Ltd. and Chief Executive, inpacebazar.com said, Looking at the increasing demand of consumers, Inpace is taking this initiative to serve the customers with a wide range of products to reach their door step. Anyone can get update from INPACEBAZAR's official facebook page facebook.com/inpacebazar.

BASIS Honored at DELL Appreciation Night

Bangladesh Association of Software & Information Services (BASIS) was honored at the DELL Appreciation Night on Tuesday, 29 April 2014 at BICC for its outstanding contribution in developing the Information Communication Technology (ICT) ecosystem and Bangladesh branding around the world. On the occasion BASIS President Shameem Ahsan was awarded by Mr. Saleh M "Haji" Munshi, Managing Director, Indonesia & South Asia Developing Markets at DELL and Ms. Sonia Bashir Kabir, Country Manager, DELL.

Among others Daffodil Computers Limited, Computer Source Limited, Global Brand (Pvt) Limited, RM Systems Limited, Smart



Technologies (BD) Limited, RYANS Computer, Aamra Technologies Limited also awarded on the appreciation night. Under the category of ICT ecosystem development Bangladesh Women in Information Technology (BWIT), Bangladesh Computer Samity (BCS) and Bangladesh ICT Journalist Forum (BIJF) were awarded at the DELL Appreciation Night.

Edotco partners up with Radio Foorti 88.0 FM



edotco Bangladesh has signed a 10 year agreement with Radio Foorti 88.0 FM, the largest FM Radio network in the country at edotco Bangladesh corporate office. From edotco Mr. Faruk Ahmed, Director- Finance and from Radio Foorti Mr. Muhammed Rezaul Huq, Director & COO signed the agreement. Also present in the event were Mr. Ahmed Armaan Siddiqui, Director- Sales & Business Development- edotco Bangladesh, Syed Rumman Ali, Executive Director, Finance- Radio Foorti; Sibashis Dhar, Manager & Head of Technical- Radio Foorti and other senior member of both organizations. With this edotco Bangladesh has extended its business with a new customer portfolio. From now onwards Radio Foorti will take necessary infrastructure support from Edotco Bangladesh for its business purposes.

JUST IN

Nine in One at fourth gen Router DIR 506

This D-Link DIR 506L is compactly designed to provide seamless internet connectivity and access to users no matter where they are – at home or out. It's also equipped with Mobile device supported Share-port App which enables any device with iOS or android operating system to share movies, photos, files and documents of any format. Moreover, 3rd generation 3G pocket cloud router -D-Link DIR 506L model contains 10/100 Ethernet Port and also supports 4th gen internet connection. This device can also be used to charge devices as well as to connect smart TV to watch videos; and in addition to that, gaming consoles can also be connected through this router.



Price: Tk. 4,000/-

ASUS ROG POSEIDON-GTX780-P-3GD5 Graphics Card

The ASUS ROG Poseidon GTX 780 graphics card is the latest incarnation of the Republic of Gamer (ROG) Poseidon series. The Poseidon GTX 780 features a hybrid cooler, capable of air and liquid-based cooling for the GPU and on board components.

Based on the NVIDIA GeForce GTX 780 GPU with 2304 CUDA cores, 3 GB of 6 GHz memory on a 384-bit memory bus, this unique gaming platform will definitely appeal to hardcore gamers and D-I-Y PC builders. The graphics card also has the following features integrated into its design: Display Port output port, HDMI output port, dual DVI ports (DVI-D and DVI-I type ports), aluminum backplate, integrated G 1/4" threaded liquid ports, dual 90mm cooling fans etc.

Price: Tk. 60,000/-



Foxconn Versatile MB in BD

Foxconn H81MXV is now the best Mother Board for Gamers, Creative designers and general computing as well. Country's leading ICT products and service provider has brought this Dual core to Core i7 supported fourth gen Mother Board in the local market as a sole distributor. This budget friendly MB comes with HDMI Output, USB 3, Intel Full HD Graphics, 5:1 HD Audio, PCI slot and SATA 3 interface. Users will be able to use 16 GB RAM if needed.



Price: Tk. 5,300/-

TECH BITS

Samsung to pay Apple a fine of 119.6 Million USD



Banglalink issues bond in international Market worth USD 300 Million

Workshop on ADMOB held by GDC Sonargoan



GP will sell off unused SIMs



NASA comes with a new space suit



Google Drive to lose document editing, prompt downloads of Docs and Sheets apps

