

# Grameenphone Accelerator 3.0 showcases 6 startups at its Demo Day event

Grameenphone Accelerator 3.0 “Demo Day” was held on September 21 at GP House where six participating startups pitched their ventures to potential investors. The journey of GP Accelerator this year began in February with the seventh batch of the national award-winning initiative, which has been supporting the startup ecosystem in Bangladesh since 2015.

Mohsina Yasmin, Executive Member, Bangladesh Investment Development Authority graced the event as the Special Guest. Yasir Azman, CEO, Grameenphone; Hans Martin Hoegh Henrichsen, Chief Corporate Affairs Officer; Farhana Islam, Head of Social Impact, Grameenphone; Khairul Basher, Head of Communications, Grameenphone; Mustafizur Khan, Founder & CEO, Upskill; and other respected officials, along with investors and guests were also present at the Demo Day event. The six startups showcasing own prospects at the event were – iPage, AirWrk, Lilac, Onnow, OneThread, and Game of Eleven.



iPage is an agritech startup that uses data, machine learning, and artificial intelligence to help smallholder farmers connect to the larger value chain. They have launched a digital system for smallholder farmers to provide information and advice on market demand, capital, insurance, and mechanization. Airwrk is working to connect Bangladeshi tech talents to the global market. Large companies at home and abroad can find professional technicians selected on this platform. Lilac is Bangladesh's first digital wellness platform focused on women's reproductive health. Its journey began in 2021 by creating a subscription-based

period care service to better address women's menstrual issues.

Onnow is an internet restaurant platform whose journey began with the aim of helping small restaurants in Bangladesh with technology, digital marketing, food safety, and cost-effective food preparation methods. OneThread is a Bangladeshi Project Management SAAS (Software-as-a-Service) designed for agencies, startups, and online merchants to manage internal tasks and communication. Game of Eleven is a fantasy sports platform who are working to bring Bangladesh's over 20 million global fantasy sports users to a local platform.

## The iPhone 14 is the most easily repairable iPhone ever

The iPhone has a long history of being a challenging phone to fix. Even simple repairs are difficult to perform because of the internal disarray of parts that needs specialized tools and a steady hand. The redesign of the iPhone 14 has largely eliminated that. The phone has an entirely new frame that features a thin metal sheet in the middle that makes it simple to replace the back glass and the front screen. Since it can be opened from both the front and the back, replacing the screen and the back glass is much simpler than it was for earlier models.

The back glass of the phone is held in place by two screws and one connector, according to iFixit. Apple appears to have used a slightly less aggressive adhesive, making it slightly simpler to open than older screens,

according to iFixit. And as an added bonus, you can access the screen by unscrewing the same screws that held the back glass in place. Both the screen and the back glass are easily accessible with just two screws.

Compare that to the iPhone X, which had a back that was nightmare-inducingly challenging to repair. Chemicals, force, and heat could not break the adhesive's hold on the surface. Additional challenges were created by the camera bezels being welded to the glass. The best method for repair shops to access the back was to first melt the adhesive with a laser, shatter the glass, and then carefully scrape away the shattered glass's dust. Not exactly ideal for repairs at home.

Apple made the announcement

that it would sell the parts, tools, and manuals needed for people to perform simple phone repairs on their own last year. For a business that had previously maintained a monopoly on phone repairs, it represented a significant policy change. In order to help people fix more things, it expanded this new DIY system last month and provided more tools and manuals. The new iPhone 14 design appears to be yet another positive development.

There is still work to be done. Apple still needs software pairing to replace items like screens, as iFixit pointed out in its repair review of the phone. This confirms early claims made by independent repair shops to Motherboard that iOS 16 is bricking phones with aftermarket screens.

## EDITOR'S NOTE

### Perseverance at any cost

The recent inflation combined with frequent load-shedding has made work from home more arduous than before. Freelancers, with their bread and butter mostly hinging on contract-based work-from-home setup, have been a notable victim of these surging issues. This week, we take a look at how local freelancers have found unique ways to adapt to this challenge. In this do-or-die world, perseverance really is the key to success.

As for other pages, tune into our double-page review of the latest Samsung Galaxy Z Fold 4. We also talk about TED Talks to boost your career goals as well as a comparison between two all-time favourites: Toyota Axio and Honda Grace.

Stay safe everyone. See you next weekend. Until then.

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# Nvidia launches the next-gen RTX 40-series GPUs

Nvidia has recently launched the new RTX 40-series GPUs. The RTX 4090 and RTX 4080 are now both officially released following months of rumours and a recent tease from Nvidia. The RTX 4090 will be available on October 12th for \$1,599, while the RTX 4080 will go on sale in November starting at \$899. The next-generation Ada Lovelace architecture from Nvidia powers both.

The top card for the Ada Lovelace generation is the RTX 4090. Massive 24GB of GDDR6X memory will be included in the box. It will use the same amount of power as the RTX 3090 Ti while, according to Nvidia, being 2-4 times faster. Based on a PC with a Ryzen 5900X processor, Nvidia

advises a power supply of at least 850 watts.

The RTX 4090 has 16,384 CUDA Cores, a base clock of 2.23GHz that can be increased to 2.52GHz, 1,321 Tensor-TFLOPs, 191 RT-TFLOPs, and 83 Shader-TFLOPs.

The RTX 4080 is available in two variations; one with 12GB and one with 16GB of GDDR6X memory. According to Nvidia, the RTX 4080 is 2-4 times faster than the RTX 3080 Ti that it replaces. With a starting price of \$899, the 12GB model has 7,680 CUDA Cores, a 2.31GHz base clock that can be increased to 2.61GHz, 639 Tensor-TFLOPs, 92 RT-TFLOPs, and 40 Shader-TFLOPs.

With 9,728 CUDA Cores, a base

clock of 2.21GHz that can be increased to 2.51GHz, 780 Tensor-TFLOPs, 113 RT-TFLOPs, and 49 Shader-TFLOPs of power, it is more powerful and starts at \$1,199. A power supply of at least 700 watts is needed for the 12GB RTX 4080 model, and at least 750 watts is required for the 16GB model. In November, the two RTX 4080 models will go on sale.

New Nvidia ShadowPlay support will be available on all three of these RTX 40-series graphics cards, allowing users to record gameplay at up to 8K resolution at 60 FPS in HDR. Additionally, Nvidia is utilising its most recent encoders (NVENC), which have increased efficiency and support for AV1 encoding.

