

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
КАФЕДРА ІНОЗЕМНИХ МОВ
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР**

**МАТЕРІАЛИ
VIII МІЖВУЗІВСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ
КОНФЕРЕНЦІЇ
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ
КАФЕДРИ ІНОЗЕМНИХ МОВ**

“TO LIVE IN A SAFER WORLD”

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The eighth scientific practical student`s, postgraduate`s and teacher`s
LSNC conference

PHONEBLOKS

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Nowadays cellphones become outdated so fast.

You can add extra storage to many smartphones now, but you can't upgrade much else – certainly not the camera, processor or the screen. Instead of having a fixed specification, you can tailor-make your own phone using 'bloks' – individual modules such as cameras, processors and batteries. There could be different speeds of processor, different capacity batteries - the choice is nearly limitless.

Phonebloks would consist of a main board onto which bloks could be snapped on by the user like Legos. Each blok is responsible for a unique function of the phone, much as a desktop computer has a distinct sound card, graphics card, processor, monitor, and power supply. As a result, instead of replacing the entire phone, one could simply replace the defective or performance-limiting part. If the consumer wanted a better camera, he or she could swap their small generic camera blok for a larger zoom camera from a manufacturer such as Nikon or Canon instead of buying a phone with a better camera.

In theory, this would lead to fewer people throwing away their phones and contributing to the ever-increasing problem of electronic waste. Smartphones based on the Phonebloks system would be sold part by part. When assembled, the phone would have a screen covering the entirety of the front, volume buttons and headphone jacks along the outer edge, and bloks clicked into the back, forming a rectangular block shape overall.

It's essentially a very similar concept to the way we upgrade our PCs. They are all connected to the base. And the base connects everything together. Electrical signals are transferred through the pins. And two small screws lock everything in place.

Phonebloks also has the benefit of allowing you to easily replace broken modules with new ones.

The project started in October 2013 and has already huge fan group, more than 960 th. supporters and 370 mln social reach