



SUSTAINABLE E-WASTE Design Competition



PROJECT ABSTRACTS

Art/Designer Category

Team Number: 21

Category: Artist / Designer

Project Title: Mobile Phone Digital Lock

Team Members: Kyung Hoon Hyun, Yong Seok Hong, Yun Jin Kim

Project Description:

People change cellular phones almost every year, sometimes every 6 month. In other words, there are millions and millions of deserted mobile phones; most of the disposed cell phones operate perfectly. Some companies melt down the phones to regain precious metals such as gold and silver. However, "recycling" cell phones is very inefficient. Thus, we have found new way to "reuse" the phones. The Mobile Phone Digital Lock (MPDL) is a lock that is fixed on the public or educational locker. Since mobile phones have the key pad with numbers, it is perfect for the locking device. The MPDL will have a locking mechanism operated by the software on the mobile phone that works under user's password settings. In this way users do not have to worry about carrying keys – or purchasing one – for their lockers and the locks will not look boring as the locks that are currently available.

Project Abstracts

Artist / Designer

+QWERTY

+Tourist Kiosk

+Weave Lamp

+WHENCE

+Penta-Chair

+Project E3

+Campus Internet Kiosk

+Seedling keys

+Affordable Developing
Country Server/
Workstation Network

+Community Projector

+Digital Address Book
for the Baby Boomer
Generation

+E-waste

Collecting Station

+Mobile Phone
Digital Lock

Technical / Geek

+EcoModule: a fungible,
eco-friendly learning
experience

+The E-Wave

+Centuria

+E-Waste
Hydroponics Farm

+e-Waste Kool Kiosk

+Control Your Energy

+CompuTable

+Recycling Kiosk



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