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.
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