Exhibit Documentation

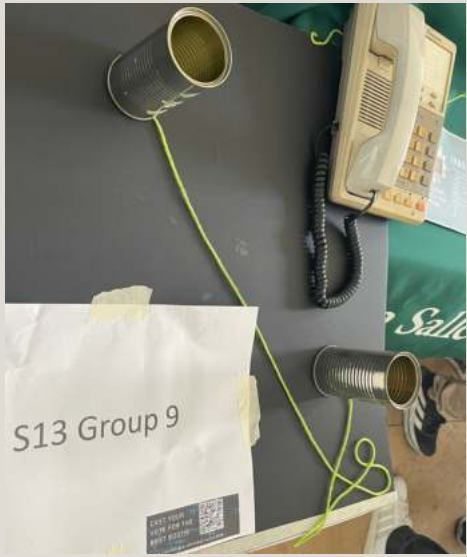
S13 Group 9

Gamboa, Jocson, Montenegro, Rebano, Yu

Before

After

Preparing the Tardis/Phone Booth



Placing components information cards

Booth Setup

Day 1 - 9:46 AM

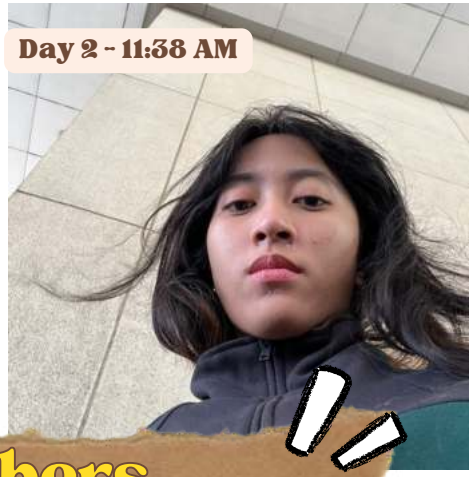

Day 1 - 10:00 AM


Day 2 - 9:47 AM


Day 2 - 11:06 PM

Day 1 - 1:44 PM

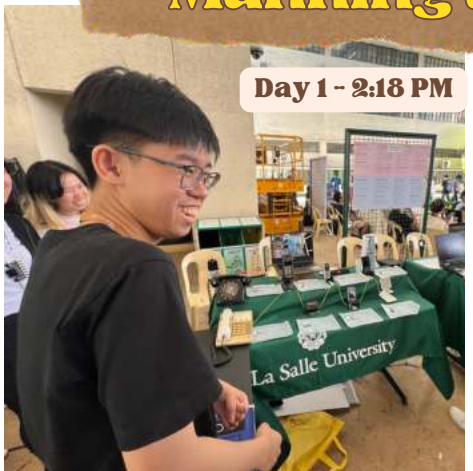

Day 1 - 2:57 PM


Day 2 - 11:38 AM


Day 2 - 12:06 PM

Members Manning the Booth


Day 1 - 3:22 PM



Day 1 - 2:18 PM

Day 2 - 12:42 PM


Day 2 - 1 PM to 2:30 PM (Nicole was manning the booth) *

Day 2 - 3:30 PM

Guests

In these photos, guests are either:

- Playing around with the interactive tin cans
- Trying displayed components
- Reading information cards about the components
- Taking pictures of themselves at the booth for memory-sake
- Members explaining our theme and components


POLICE


RETRO
RELOAD













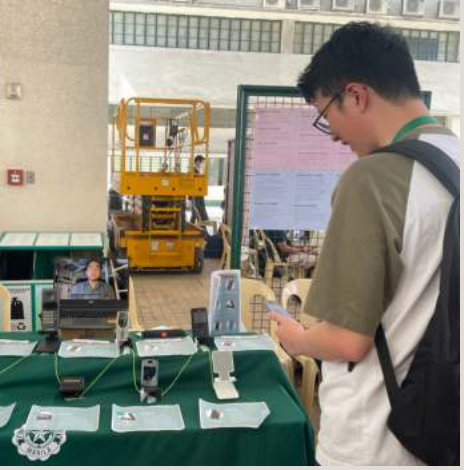
















La Salle Univer


POLICE



Flyers Used


Evolution of
Mobile Phones
ROTARY-DIAL TELEPHONE
1920
Analog, uses dials, but no processor
PANASONIC TOUCH PAD PHONE
1980-1990s
Button input, memory dialing and speakerphone
MOTOROLA POCKET CLASSIC 1100
1995
Analog cellphone, has limited memory
MOTOROLA EASYCALL PAGER
2001
Integrated circuits, limited memory
NOKIA 8250
2000
8-bit architecture, limited memory
MOTOROLA RAZR
2004
32-bit architecture, 5.5 MB internal storage
NOKIA ASHA 210
2013
32-bit processor, 64 MB internal storage
IPHONE 4
2010
32-bit architecture, 1 GHz ARM CPU (A4)
IPHONE 14 PRO MAX
2022
64-bit architecture, 128 GB - 1 TB internal storage
S13 GROUP 9


Evolution of
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Evolution of Mobile Phones

1920s

ROTARY-DIAL TELEPHONE

- It is an analog machine that uses a rotary dial to dial in numbers.
- This telephone comes from an era when telephones did not have processors.
- It primarily served as a stationary communication device without storage for

1980-1990s

PANASONIC TOUCH PAD PHONE

- Button input, memory dialing and speakerphone
- Still has no processors, but a bit of circuitry is involved since it now uses memory dialing
- Still does not contain memory unless you count the card on top.

Evolution of Mobile Phones

1995

MOTOROLA POCKET CLASSIC 1100

- Is one of the first notable example of early mobile phone technology
- Has internal circuitry that mimics a 8-bit architecture processor
- Has very limited memory to store a small number of contacts

2001

MOTOROLA EASYCALL PAGER

- This was a vital communication tool before the mobile phone era
- It had a custom designed integrated circuits optimized for low power consumption
- limited memory just enough to hold a limited number of messages at one time.

Evolution of Mobile Phones

2000

NOKIA 8250

- Classic mobile phone celebrated for its compact and distinctive design
- Utilized a basic mobile processor suited for its time which likely is an example of a 32-bit architecture or simpler
- Has a small amount of memory for storing contacts

2004

MOTOROLA RAZR

- Iconic flip phone that set a new standard for mobile phones in terms of aesthetics and functionality.
- Still a very basic processor however it does fir within the characteristics of a32-bit architecture.
- Has a 5.5 MB internal storage

Evolution of Mobile Phones

2013

NOKIA ASHA 210

- A later-era keyboard phone
- 32-bit architecture
- 64 MB internal storage (flash memory)
- Has physical QWERTY keyboard and connectivity to social media and messaging apps.

2010

IPHONE 4

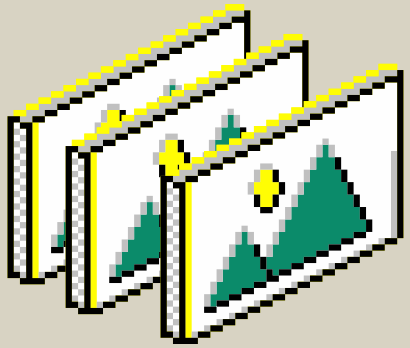
- An early modern smartphone
- 32-bit architecture
- Apple A4 chip
- 8, 16, or 32 GB internal storage
- Has a retina display, front camera, multitasking, and optimized power consumption.
- Has a 1 GHz ARM Cortex-A8 CPU core and PowerVR SGX 535 GPU.

Evolution of Mobile Phones

2022

IPHONE 14 PRO MAX

- One of the more recent phones
- 64-bit architecture
- Apple A16 Bionic chip (4 nm)
- 128 GB to 1 TB internal storage
- Has a 48 MP camera, always-on liquid retina XDR display with 1-120 Hz refresh rate, and fast 5G connectivity.
- Has 5-core GPU and 16-core neural engine for AI, machine learning, etc.



Information Cards Used

Gimmicks

- Interactive tin cans with string
- iPhone 4 Selfies
- TARDIS/Phone Booth
  - based on the Doctor Who time machine (travelling different eras)