TABLET-PHABLET

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We have

• Phone (feature phone)
• Smart Phone (more advanced computing and connectivity)
• Phablet
• Tablet (large screen – suitable for content consumption)
Size of the Mobile

- Measured as the diagonal
- In Inches
- (Smart)Phone 3” to 5
- Phablet 5” to 7”
- Tablet 7” to 11”
Weight of the mobile

- Smartphones, Phablets: 100 to 170 gms
- Tablets: 500- 700 gms
Connectivity

• Cellular Networks
• Wifi • Bluetooth
• Speaker, Microphone, Camera
• Capacitive Multi-touch Screens
• Micro-USB connectivity

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Capacitive Multi-touch

• As against resistive touch
• Rely on the electrical properties of the human body to detect a touch
• Hence a light touch of a finger is enough
• Can not be used with gloves
• Need a special stylus
  – Conductive material
Oleophobic Screens

- *Oleum* in Latin is Oil,
  *Phobos* is fear
- Oil repelling
- Finger prints, Smudges can be easily removed
Gorilla Glass

• Trade mark of Corning Inc., USA
• Thin, light and scratch resistant
• Used in most of the phones
Key board and mouse

- Connect with Bluetooth or USB
Battery

- Lithium Ion Batteries
- 5 to 10 hours of work time
- Capacity 2000-10,000 mAh
- Charge cycles
- If you fully drain every day
  - Smartphone – around 4 kWh per year
  - Laptop – 20x of Smartphone about 80 kWh