

Impact of Technology on Society

Benefits & Social Issues



Topics to be covered:

- What is a Machine?
- Computer is a Machine
- Information Technology revolves around computers
- Society before computers / information technology
- The application of information technology
- Social issues
- Your thoughts

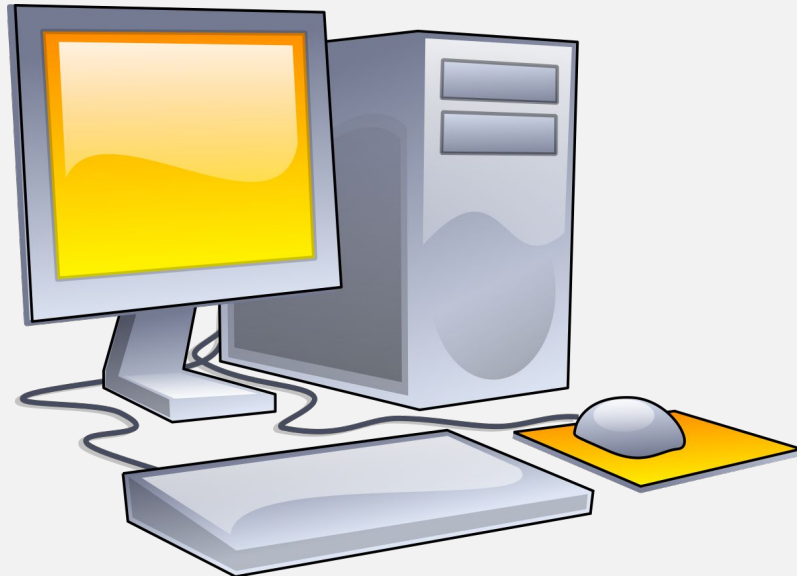
What is a Machine

- Anything which reduces human effort or save time is a machine



Computer is a Machine

- As computers reduces human effort and saves time that is why we can confidently say that Computer is a Machine.
- Computer is nothing but is a combination of different machines like Processor, Motherboard, Primary & Secondary Memories, Keyboard & Mouse

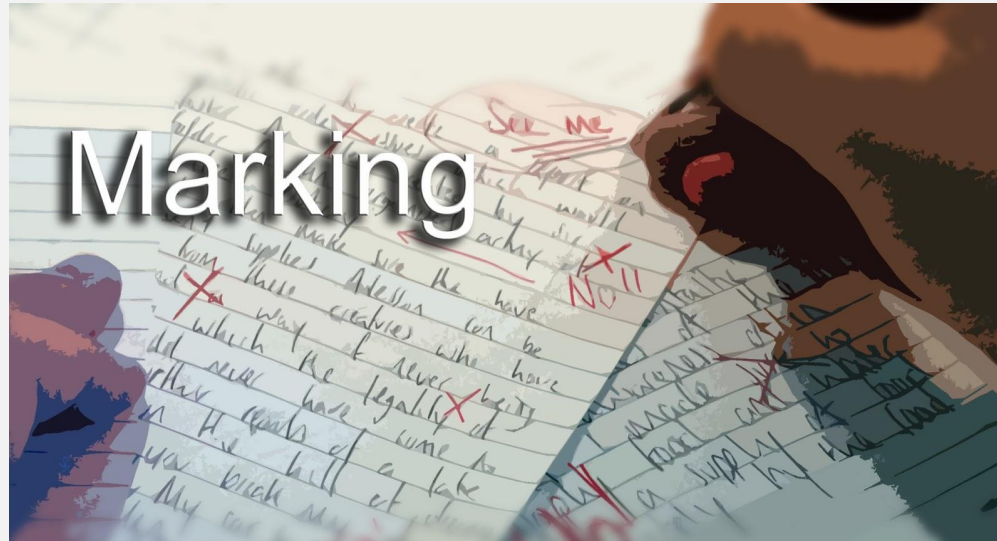


Information Technology Revolves around Computers

- Computer is of no use without Software
- Software is something which translate human command to hardware (machine)
- Software takes input from human make it easy for hardware to understand it
 - Operating System (OS)
 - Application Software (MS Word, Excel, Power Point, Flash & etc
 - Custom Software
 - Websites
 - Cell phone apps
 - Games

Society before Computers

- Communication : Letters, exchanging cards, human messengers used to travel from one city to other to give message.
- Time consumption
- Inaccurate information
- Inefficient resources



Kids activities in early 90's



Application of Information Technology

- Medical & Medicines
- Business & Research
- Agriculture & Irrigation
- Law & Order
- Entertainment
- Day to Day life
- Education

Medical & Medicines



Business & Research

TIMESHEET DETAILS Back

Week Ending 05.24.2014	Week Ending 05.31.2014	1 Correction Needed	Leave Balances
Worked hours 62.00 Non-worked hours 0.00 Amounts 269.00	Worked hours 8.00 Non-worked hours 32.00 Amounts 150.00	Annual Leave Exceeded by 7.00	Annual Leave -7.00 Sick Leave 9.20 Holiday 8.20 <small>reduced by leave time through 05.31.2014</small>

Day View Week View **Calendar View** Clock Punches Effort Report

FROM 05.18.2014 TO 05.31.2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
+ more 18	+ more 19	+ more 20	+ more 21	+ more 22	+ more 23	+ more 24
Worked: <input type="checkbox"/> Non-Worked: <input type="checkbox"/> Total: <input type="checkbox"/>	Worked: 23.00 Non-Worked: <input type="checkbox"/> Total: 23.00 <small>Hours are allocated.</small>	Worked: 11.00 Non-Worked: <input type="checkbox"/> Total: 11.00 <small>Hours are allocated.</small>	Worked: 12.00 Non-Worked: <input type="checkbox"/> Total: 12.00 <small>Hours are allocated.</small>	Worked: 8.00 Non-Worked: <input type="checkbox"/> Total: 8.00	Worked: 8.00 Non-Worked: <input type="checkbox"/> Total: 8.00	Worked: <input type="checkbox"/> Non-Worked: <input type="checkbox"/> Total: <input type="checkbox"/>
+ more 25	+ more 26	+ more 27	+ more 28	+ more 29	+ more 30	+ more 31
Worked: <input type="checkbox"/> Non-Worked: <input type="checkbox"/> Total: <input type="checkbox"/>	Worked: 8.00 Non-Worked: <input type="checkbox"/> Total: 8.00	Worked: <input type="checkbox"/> Non-Worked: 8.00 Total: 8.00	Worked: <input type="checkbox"/> Non-Worked: 8.00 Total: 8.00	Worked: <input type="checkbox"/> Non-Worked: 8.00 Total: 8.00	Worked: <input type="checkbox"/> Non-Worked: 8.00 Total: 8.00	Worked: <input type="checkbox"/> Non-Worked: <input type="checkbox"/> Total: <input type="checkbox"/>




Amex ITL - [Add User]

Activities Reports Window Help

Add User

User ID: 5 Name and Surname: [Text Field] ☐ Admin



First Name: Nicole Middle Name: [Text Field] Last Name: Rasley Gender: Female

Birth Date: 4/8/1976 Joining Date: 2/8/2005

Department: Front Desk Shift: [Dropdown] ☐ Restrict IN Time by Shift time

Contact Details: Address Line 1: [Text Field] Address Line 2: [Text Field] City: [Text Field] State: [Text Field] Zip: [Text Field] Phone No: [Text Field] Mobile No: [Text Field] Fax No: [Text Field] Email Id: [Text Field]

Click on

Extract First **Reset** **Save**

developed by **Amex Information Technologies Ltd.**

User Information

User Information

Employee Photo: [Image] First Name: [Text Field] Middle Name: [Text Field] Last Name: [Text Field] Gender: [Dropdown] Birth Date: [Text Field] Joining Date: [Text Field]

Department: [Text Field] Shift: [Dropdown] ☐ Restrict IN Time by Shift time

Contact Details: Address Line 1: [Text Field] Address Line 2: [Text Field] City: [Text Field] State: [Text Field] Zip: [Text Field] Phone No: [Text Field] Mobile No: [Text Field] Fax No: [Text Field] Email Id: [Text Field]

Ok **Cancel**

Agriculture & Irrigation





[MATCH]

MATCH MADE

ENROLLED PHOTO	LAST MATCH

NAME	
ANDREA CANDIAN	
DOB	01/10/1984
HEIGHT	5' 10"
SEX	MALE
WEIGHT	170
UPDATE	03/04/2012
TIME	17:45
STATUS	ACTIVE
VISUAL LEVEL	HIGH
LOCATION	
LONDON UK	

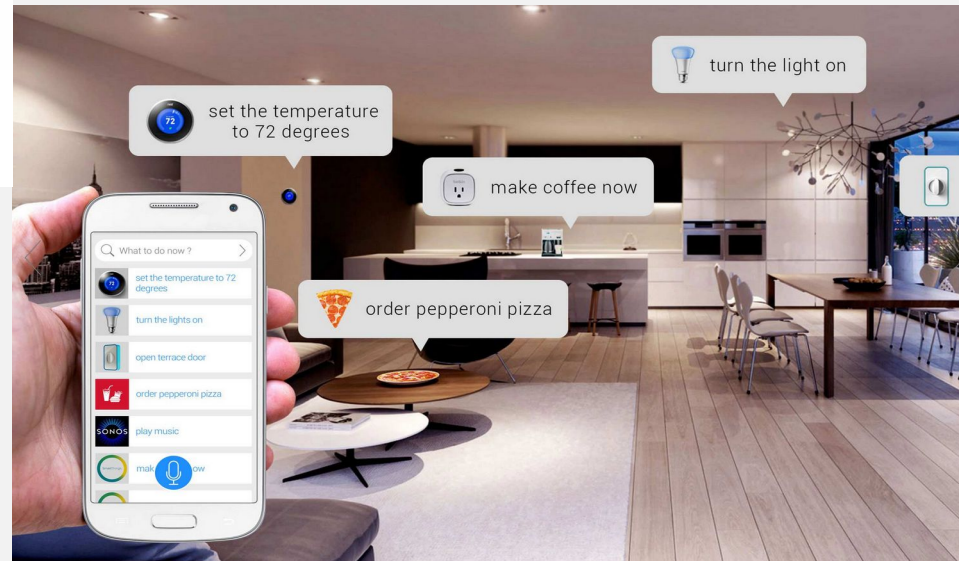
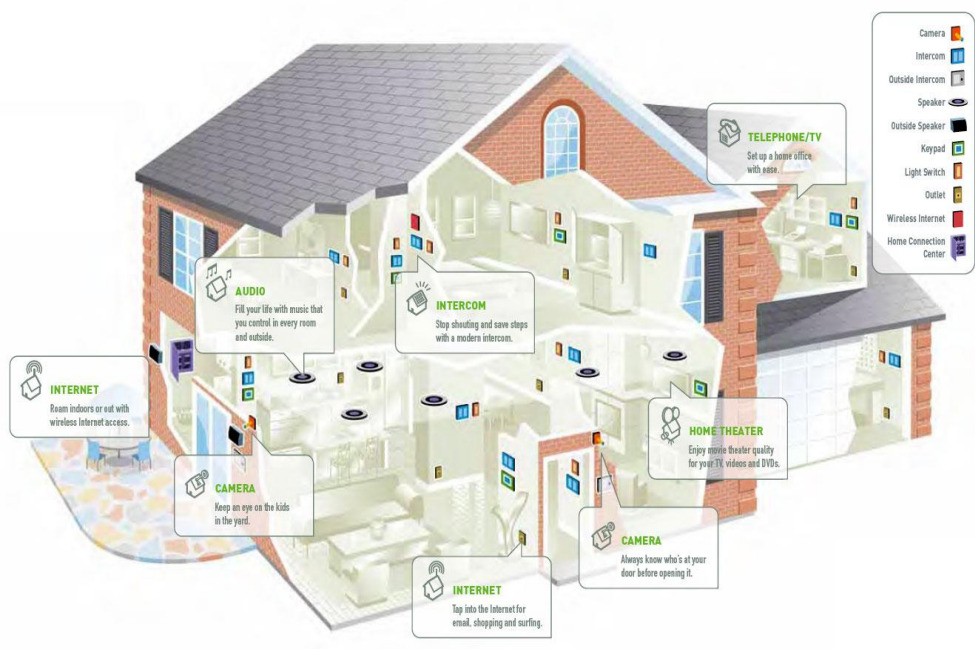
FACIAL RECOGNITION
match **98%**

REF NO: 00000000000000000000

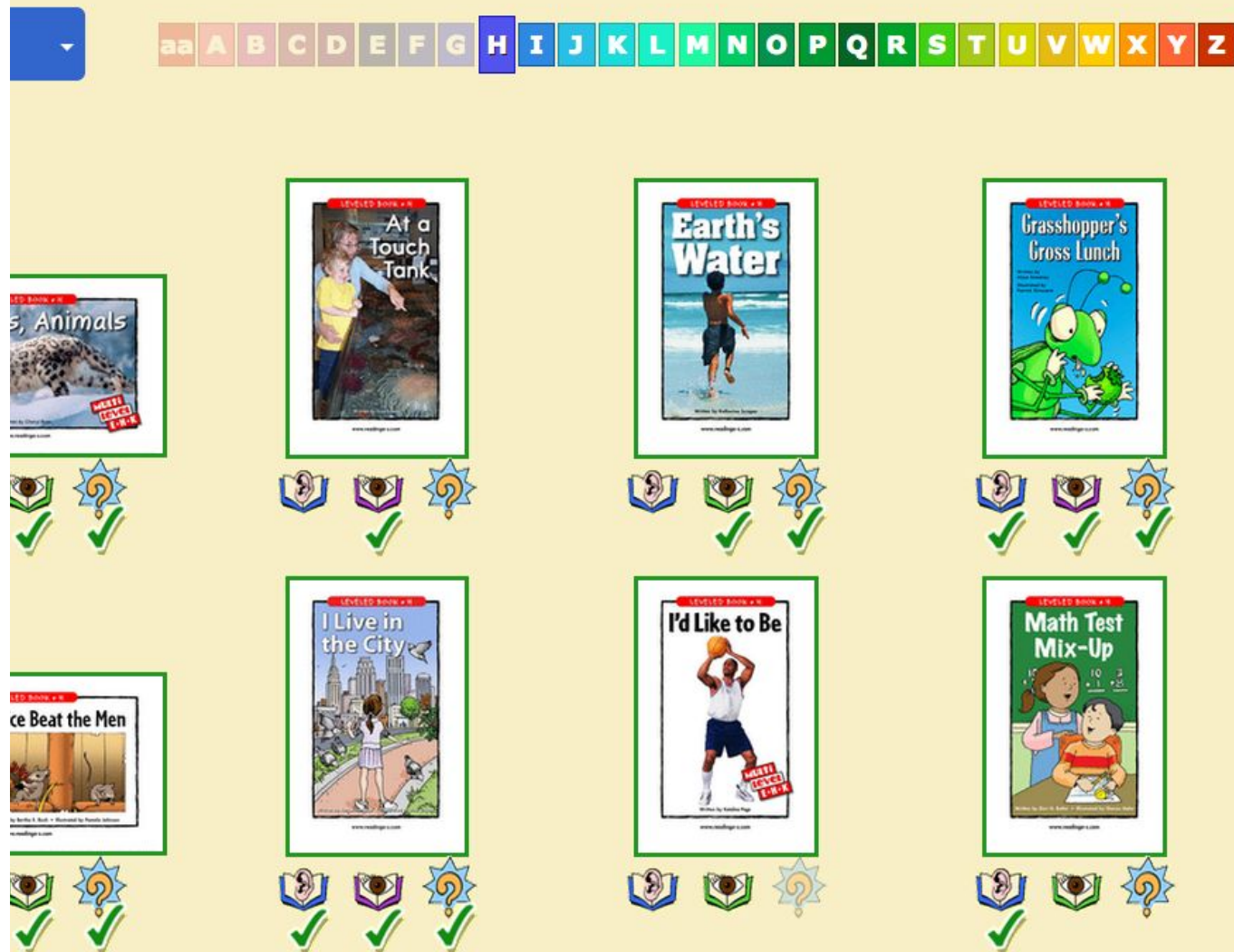
Barcode: 00000000000000000000

Height Scale: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170

Day to Day Life



Education



Future of Technology

- Artificial Intelligence
- Internet of Things
- Augmented And Virtual Reality
- Blockchain
- 5g Networks
- Quantum Computing
- Biotechnology
- Robotics
- Cloud Computing
- Cybersecurity

Social Issues / Negative Impact of Technology

- Vision Problem
- Physical Health Issue
- Exposure to Radiation
- Wastage of time
- Addiction
- Computer Crimes (Hacking)
- Unemployment

Ethical Issues

Ethical issues related to the use of computers:

- music and video file downloading
- Spyware
- identity theft
- Phishing
- keystroke logging
- packet sniffing
- cyberbullying

Prevention against unethical use of computers.

We can prevent unethical use of computers by using:

- effective passwords
- secure websites
- Firewalls
- biometric data

HOW WAS YOUR DAY?

AND
GOOD, YOUR'S



After all our online chats,
it's great to finally
meet you in person.

Same here.



© 2000 Randy Glasbergen.

Your Thoughts

