ASSIGNMENT

SIT401: INFORMATION SYSTEM MANAGEMENT

BRIAN NJUKI MWANGI

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1. identify the key impacts of information a communication

1.

organization

1. Automated decisions
2. Less reliance on experience/expertise
3. Decrease face to face communication
4. Standardization
5. Rapid identification of problems/opportunities
6. Quick decion making

Society

1. Business and industry
2. Education
3. Scientific use
4. Medicine and healthcare
5. Engineering and manufacturing
6. Legal practice and enforcement
7. Theatre, film and television
8. Home and day to day life
9. National security
10. Culture and sports

Through computer and television, the people directly can see alternative life styles that have not been in the past for their older generations

1. Government The government needs a most sophisticated information system for collecting, organizing and disseminating its statistical data on all its activities
2. Politics -The new information communication technology offers many promising ways to make

Individual

1. Access to information
2. Improved access to education
3. New tools, new opportunities
4. Job loss reduced personal interaction
5. Reduced physical activities
6. Reduced personal interaction

b).

1. Mechanics
2. Cashier
3. Drivers
4. Bank teller
5. Loan offices
6. Secretary
7. X- ray technician
8. Computer engineer
9. Accountants
10. Graphics designers

Resistant occupation

1. Physician and surgeon
2. Artist – to be an artist it involves being creative. The art of creativity has not yet been fully mastered by the computers thus making it resistant to completion from the machines and information system
3. Scientist – a scientist also requires creativity to discover new things that did not previously exist thus the need of a human brain.
4. Nurse – a nurse builds a complex relation with a human being which a machine cannot be able to perform
5. Plumber – this job is highly unpredictable, this aspect makes it require a personnel rather than a machine. A

c). Causes of information overload

1. Lack of clarity – when information is not understood it becomes random. It overwhelms people whether short or long. It is cause by regurgitating facts without understanding them.
2. Semantic distortions – this is caused by misunderstanding of words. This causes a confusion thus leading to information overload
3. Poor planning – if a plan is not properly analyzed, it leads to faulty outcomes.
4. Poor retention – this the loss of initial decisions. Initial decisions should be considered to remember favorable facts about a business.
5. Distrust –people are by nature suspicious. This is caused by lack of honesty and transparency

This can be solved by

1. Making objectives clear
2. Linking information with familiar ideas
3. Inject emotional content
4. Avoid making counterproductive associations
5. Use unique messages that can be easily remembered
6. Present clear benefits of using your products
7. Decide what you want to say before you say it
8. Prove your trustworthy in tangible ways

2.

a).

1. Doubling of computing power every 18 months
2. Advances in data storage
3. Advancing in data mining
4. Advances in telecommunication infrastructure
5. Open questions

b).

1. Establish facts in a situation
2. Decide whether a situation involves legal or ethical issues
3. Identify your opinion and possible and possible consequences
4. Evaluate your opinions
5. Choose the best opinion
6. Implement decision

c).

1. Autonomy
2. Justice
3. Fidelity
4. Beneficence
5. Integrity and confidentiality
6. No maleficence

d).

It is a necessary component to maintain standard for individuals within a professional that brings about accountability responsibility and trust.