Lost & Found Case Study Project

Presented by:

- **Shady Mohamed Mahmoud, Sec 4**
- **Alaa eldin emad moaaz, Sec 4**
- **Abdelrahman Mohamed kamal, Sec4**
- **Abdullah Raniem Elbeshkar, Sec2**
- **Omar Saleem ahmed, Sec 2**
- **Youssef Gehad fahmy, Sec 2**
- **Ammar moahmed hamdy, Sec9**

Presented to Dr/Magdy Elhenawy
TA/ Aya Mahmoud

System technical architecture

Q1: Will the System use centralized or distributed computing?

A1: Centralized because its mentioned in the requirements.

Q2: Will the system's data stores be centralized or distributed?

A2: Centralized because the main server will be in cairo as its mentioned in the requirements.

Q3: Will SW be purchased, built-in house, or both?

A3: Both.

Because We will assign some experts with low salary to build a small application and purchase other more complicated applications

Q4: What operating system will be used?

A4: Windows 10.

Q5: How will users interface with the system?

A5: By making dialogue with the system using touch screens.

Q6: How much data stories are required and the inter relationship among them?

A6: The total number of characters for each lost = 30 (for the person's name) + 14 (national ID) + 40 (address) + 10 (governorate) + 10 (number of the lost) = 102 char.

Number of the missing in 2005 = 189263 and by increasing 20% every year the number of missing will be = 1 million after 10 years.

Reserve factor = 1.2.

the size of the data base = 1 million X 102 char X 1.2 = 12 million char.

Q7: What data storage technology will be used?

A7: SQL Database.

Q8: For programs to be written, what technology will be used?

A8: C#

Q9: What technology will be used to build input, output and interface forms ?

A9: windows forms applications in Visual studio IDE.

Q10: How data will be input?

A10: Data will be inserted by employee that represented in the system as admin.

Q11: How output data will be generated?

A11: Output data will be generated throw interactive screens.

Q12: How will the system interface to other existing systems?

A12: There is no other systems.

STA

Domyat | Daqhlya | Giza | South sinai | Portsaid | Bany swef | Behira | Red Sea | Luxor | Aswan | Ismailia | Alex.

HQ Cairo

Main Server

Assiut | New Valley | Minya | Menofya | Matrouh | Kafr elshekh | Qena | Qalyobia | Fayom | Gharbya | North sinai | Sharqya | Suez | Sohag