



System Design

Dr. Magdy El Henawy

Eng. Aya Mahmoud

Team Names

Nesrien Hassan Magdy Abdallah : Sec 2

Engy Ezzat Mahmoud : Sec 3

Kariman Mohamed Thapet : Sec 4

Aasem Saaed AbdElaziz : Sec 4

Amir Ezzat Thapet : Sec 3

Fady Fekry Farag : Sec 4

AbdElRahman Yasser Ismail : Sec 4

3 C.S

~> Both.

4) *Selection of operating system?*

~> Windows.

5) *How will users interface with the system?*

~> Users will interface with the system using multiple types of interfaces such as:

- a) Natural language interface.**
- b) Question and answer interface.**
- c) Form fill interface.**

And users will interact with all of that using mouse and keyboard.

6) *What data storage technology will be used?*

~> Data storage technology is MySQL database

7) *How much data stores are required?*

~> total expected customer's accounts database storage will be $\approx 105,300$ after 5 years and will be $\approx 133,700$ after 10 years which is still not too much.

8) *what technology will be used to build program?*

~> We used windows forms app C#.

9) *what technology will be used to build input, output and interface form?*

~> Text box, Check box, Radio button.

10) How data will be input?

~> The old way was that paper data will be entered by contracting with data entry specialists, now the data is entered in electronic way by keyboard and mouse.

11) How outputs be generated?

~> User interface technology can be displaying monitors.

12) The following variants are available for post office:

~> To contract with 3 experts in database, applications, and networks with low salaries to implement small applications and purchase other more complicated applications.

~> To contract with 5 experts in database, applications, and networks with high salaries to implement all the applications and no need for purchased applications.

~> No contracting with any experts and purchase all the needed applications.