السلام عليكم ورحمة الله وبركاته

thanks

At first we want to Thanks and welcome to doctors who supervise us in this project, and we hope that holds your impression .
This project fruit of your game with us over four years in this college.

Special thanks to Dr. Mahmoud Saleh , he Comments and guidance us in this project.
Thanks to him and his efforts with us and his advice to us.
Thanks you for the success of this project, Thank you, Dr. Mohamed Saleh.

Electronic Archive System

Under supervision of

Dr.Mohamed Saleh

Project staff:

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Electronic Archive System

Software used in this project

- **Oracle 10g.**
- **Microsoft Visual Studio 2008.**
- **Microsoft Office 2007.**

- **also, using scanner.**

Electronic Archive System

Electronic Archive System

Introduction

- Now a days there are much concern to the implementation of the information technology in the governmental organizations .
- So we began to focus our attention to achieve this goal. But we found the governmental organizations face some problems in Archiving.
- So we decide the idea of our project is to solve this problems by doing “**Electronic Archive**”.

Electronic Archive System

Introduction (cont.)

- **Electronic Archive** is the Ideal solution to help government agencies and companies to save incoming and outgoing documents and management quickly and effectively with the full support for multiple languages and the ability of the system to work with various databases as we select(Oracle 10g).

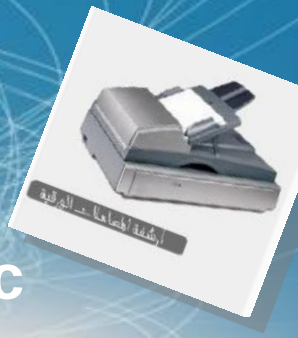
Electronic Archive System

Introduction (cont.)

- Archive used in many systems such as:
- related departments of government,hospitals,clinics, schools, law firms,..etc
- We take our example about the holding company for drinking water and sanitation in sharkia government.

Electronic Archive System

How Electronic Archive work



- The archive process from taking an electronic version of any type of document, whether by scanner or by the same program and converted to a picture or any file or electronic documents available on your computer, and then store the document and are defined through the information (such as Subject - History - sender - the content in full or keywords of the document content).
- It also , provides several levels of search and retrieval of the document to facilitate access to the file quickly and easily.

Electronic Archive System

Project Objectives

- Reduce the cost of printing and storage and time-saving access and search.
- Easier to deal with incoming and outgoing paperwork and archiving electronic.
- Adjustments made to maintain the files through the multiplicity problem fixed feature.
- Maintain confidentiality and privacy of transactions over the full documentation of the operations.
- Incoming and outgoing protection from damage and loss .

Electronic Archive System

Advantages of our project

- Participation
- Time saving
- Flexibility
- Conservation and storage
- Accessibility
- security and privacy
- Cost

Electronic Archive System

Study Plane

- Analysis (data gathering).
- Design (Logical database design"ERD, Physical database design"SQL)
- Forms.
- Implementation.
- Testing.
- Documentation

Electronic Archive System

Study Plane (cont.)

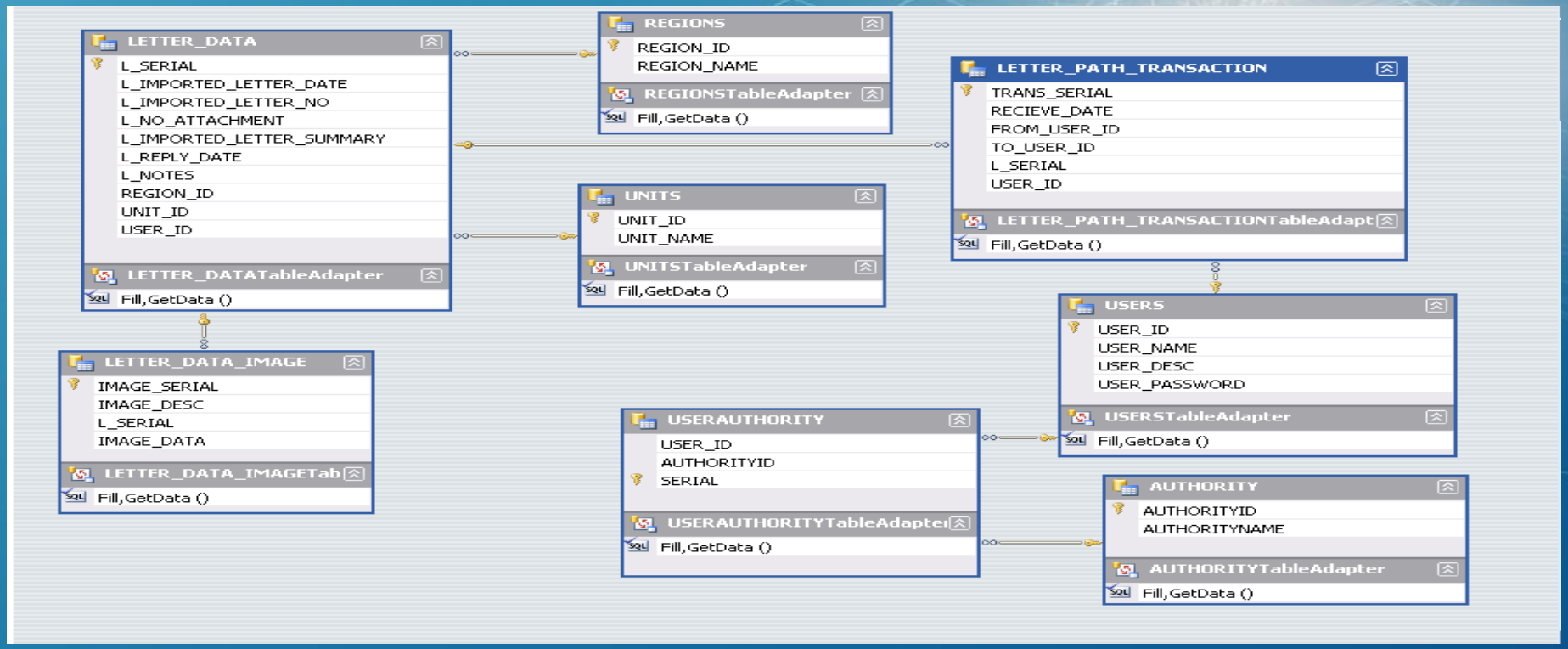
Analysis (data gathering).

- **Sampling of existing documents, forms, and databases.**
- **Research and visits sites.**
- **Interview**

Electronic Archive System

Study Plane (cont.)

Logical database design"ERD.



Electronic Archive System

Study Plane (cont.)

Physical database design"SQL.

```
CREATE TABLE letter_data
(l_serial NUMBER  NOT NULL ,
l_imported_letter_date DATE ,
l_imported_letter_no NUMBER ,
l_no_attachment NUMBER ,
l_imported_letter_summary VARCHAR2 (100) ,
l_reply_date DATE ,
l_notes VARCHAR2 (20) ,
region_id NUMBER  NOT NULL ,
unit_id NUMBER  NOT NULL ,
user_id NUMBER  NOT NULL  );
ALTER TABLE letter_data
ADD CONSTRAINT letter_data_PK PRIMARY KEY ( l_serial ) ;


CREATE TABLE letter_data_image (
image_serial NUMBER  NOT NULL ,
image_desc VARCHAR2 (30) ,
l_serial NUMBER  NOT NULL ,
Image_data BLOB  );
ALTER TABLE letter_data_image
ADD CONSTRAINT letter_data_image_PK PRIMARY KEY ( image_serial ) ;
```

Electronic Archive System

Forms

- Through this form user can enter his name and his password.
- if user name or password is incorrect,the main menu will not be opened,
- the alert message ask the user to enter correct user name and password.

Electronic Archive System

Forms (cont.)

- the user can use the menu to interact with the application.
- this screen enable the user to display the screens of the project: main form,transactions,reports,user registrations,and privillages.

Electronic Archive System

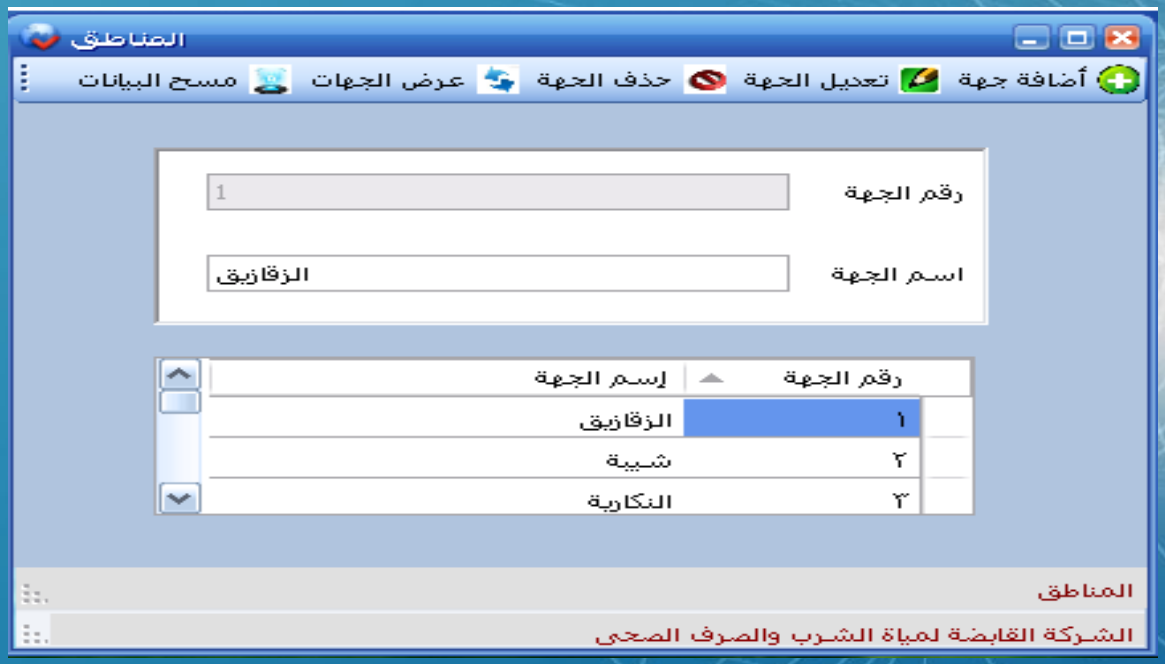
Forms (cont.)

- this form shows the main data which consists of:

regions and units.

Electronic Archive System

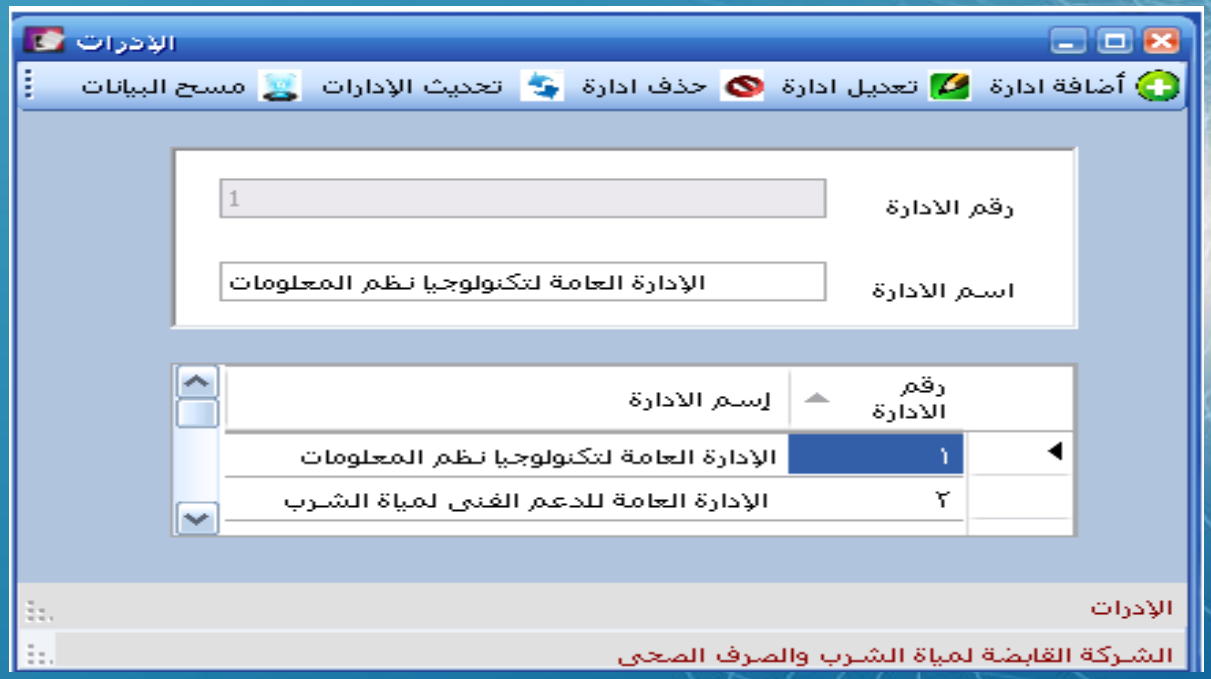
Forms (cont.)



- through this screen user enters region number and region name , and can add,delete,modify and also display regions.

Electronic Archive System

Forms (cont.)



- through this screen user enters unit number and unit name , and can add,delete,modify and also display units.

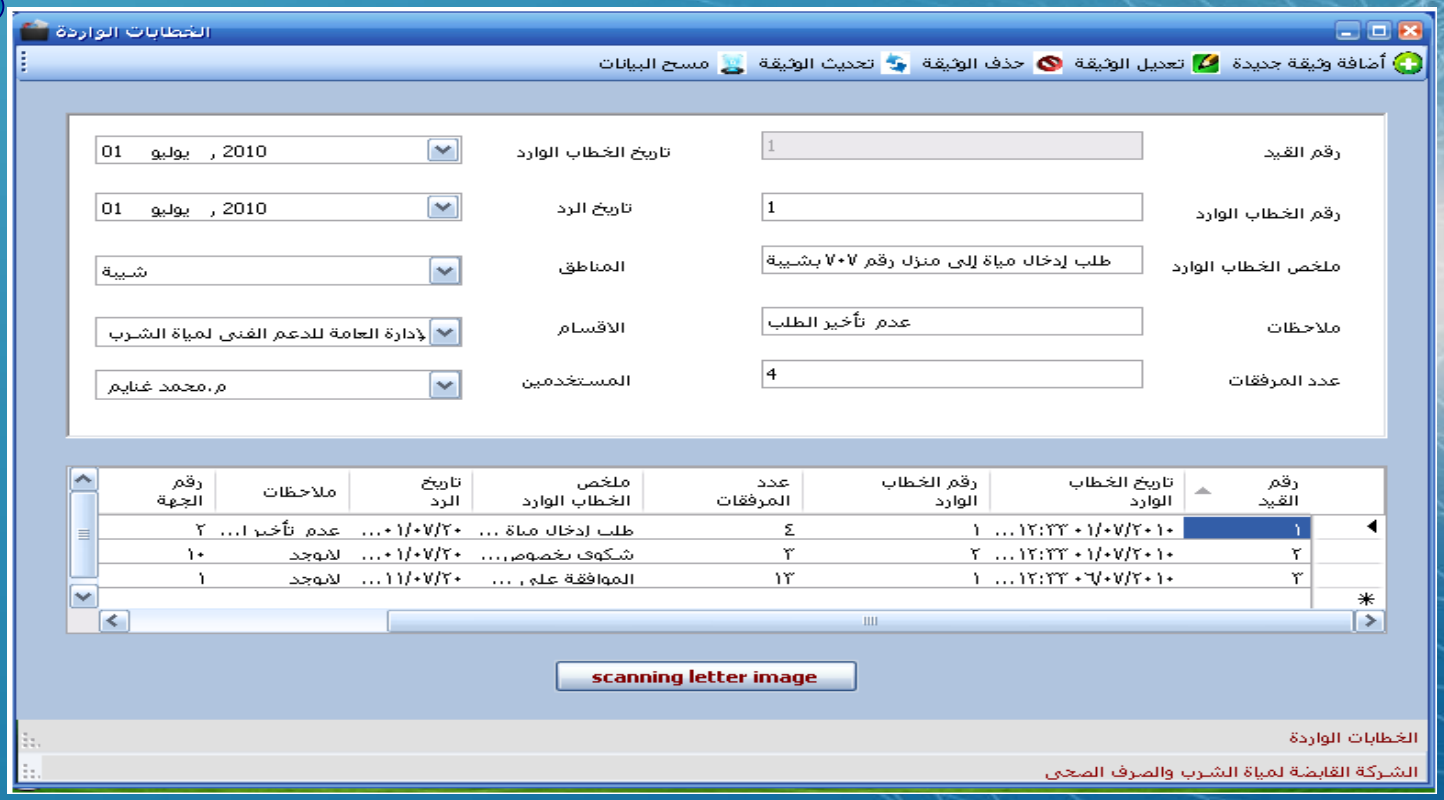
Electronic Archive System

Forms (cont.)

- this screen shows all data about letter data and it's transaction.
- it consists of:
  letter data and transactions of letter data.

Electronic Archive System

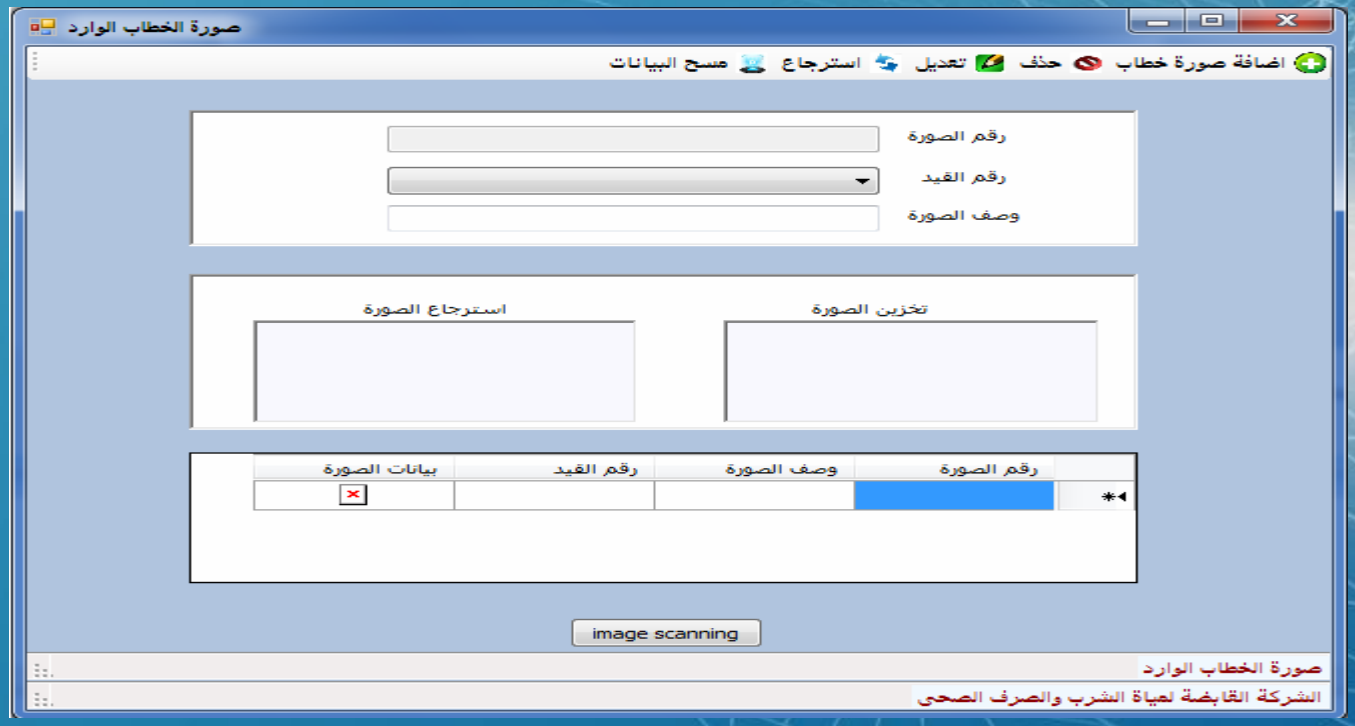
Forms (cont.)



- this screen shows all data about letter(document) , through it user fill these data.

Electronic Archive System

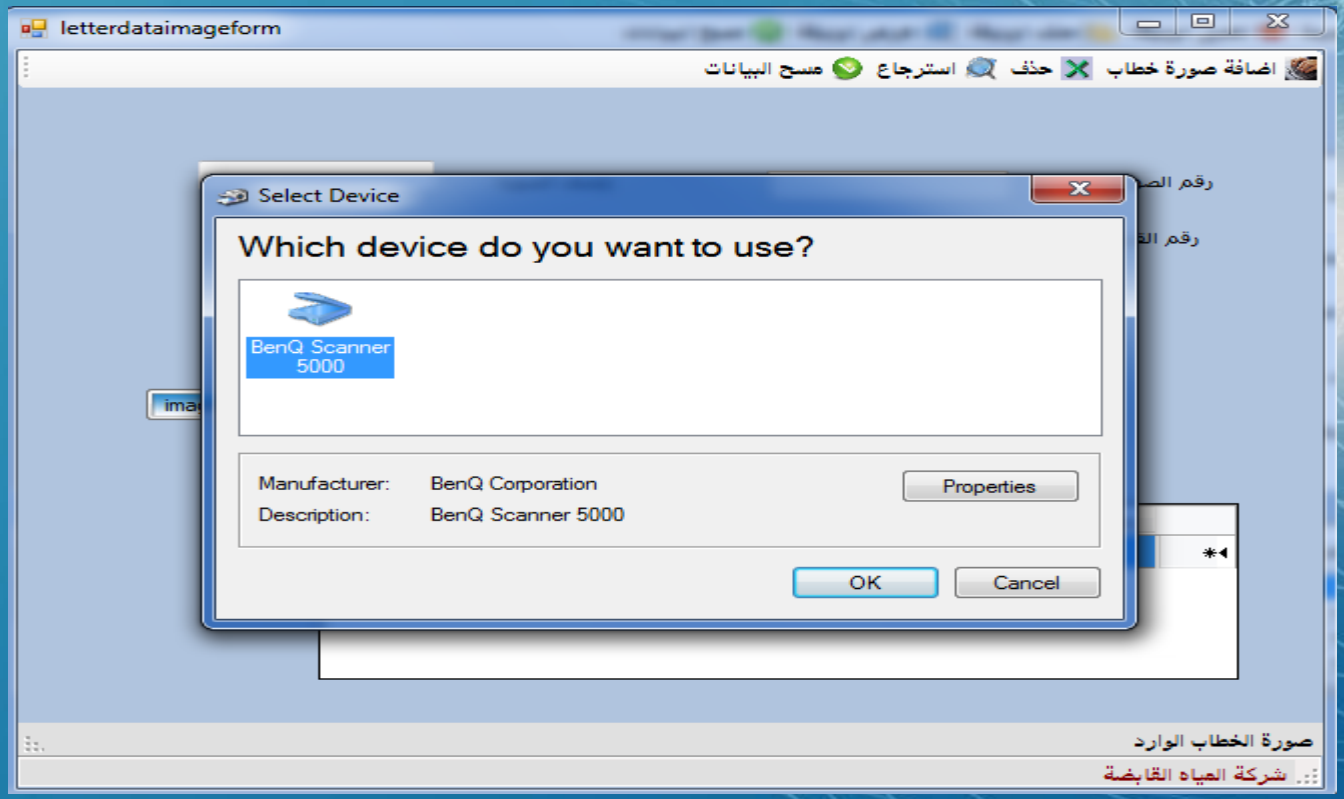
Forms (cont.)



- this screen shows the image of letter data by using scanner, these images store in data base and retrieve at any time.

Electronic Archive System

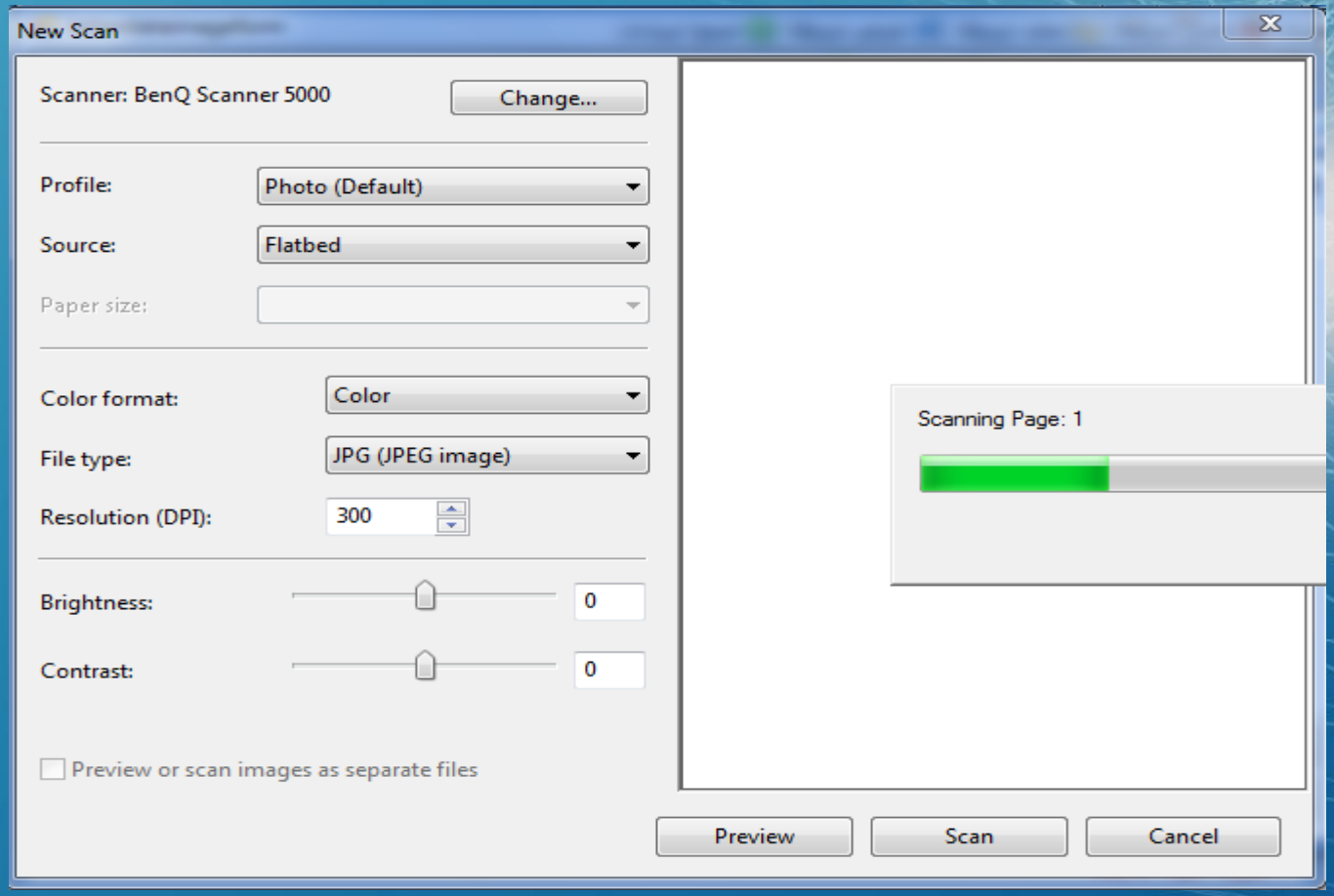
Forms (cont.)



Scanning image

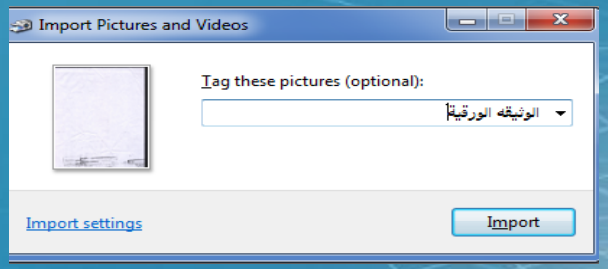
Electronic Archive System

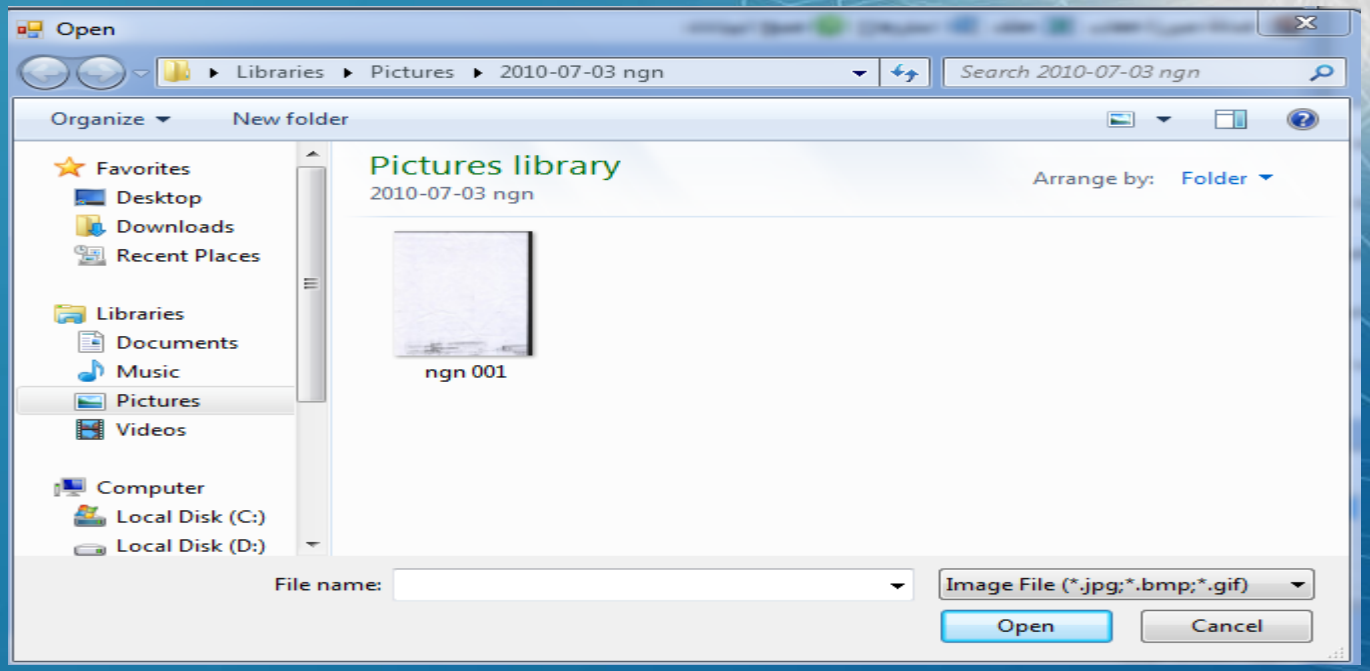
Forms (cont.)



Electronic Archive System

Forms (cont.)





Electronic Archive System

Forms (cont.)

- this screen shows the path transaction that made on letter data , through it manager can follow measures of letter data.

Electronic Archive System

Forms (cont.)

We can view the reports through this form

Electronic Archive System

Forms (cont.)

Electronic Archive System

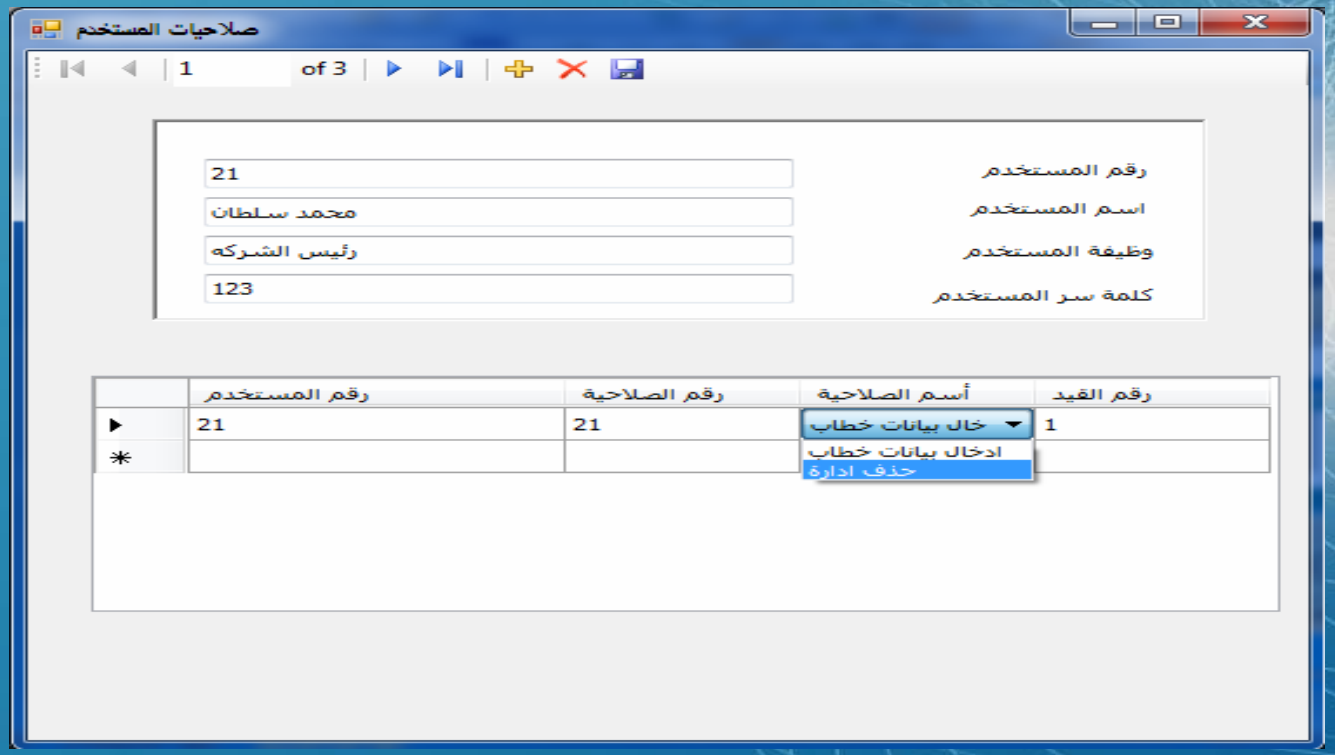
Forms (cont.)

Electronic Archive System

Forms (cont.)

Electronic Archive System

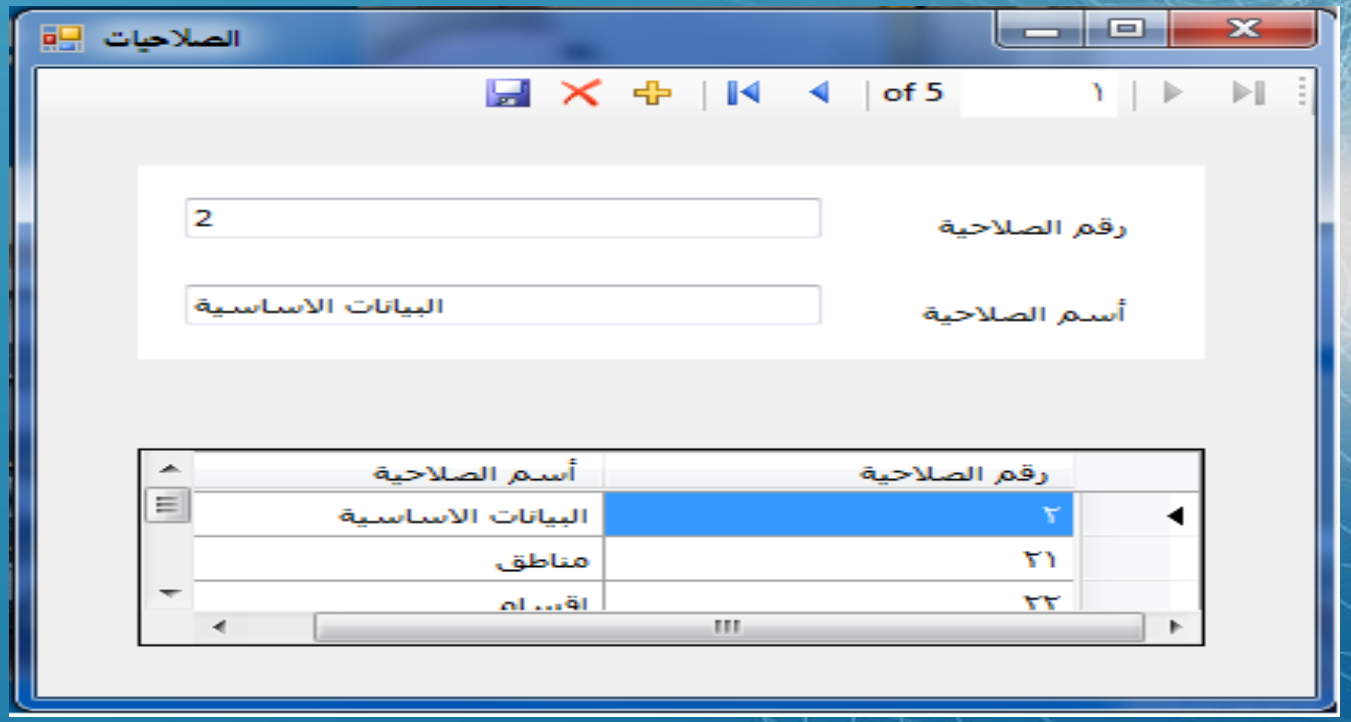
Forms (cont.)



- Throuh this screen registering the data of users this screen show each user with it's privillages.

Electronic Archive System

Forms (cont.)



- Through this screen entering authorityid and authorityname , this screen allow user to enter privillages.

Electronic Archive System

finally

We spent a lot of time with the assistance of professors in the preparation of the program, including the development and understanding of the mechanisms that the client needs to build any archiving software. We also believe that the rapid access of information to assist any authority to make decisions fast and accurate, not only for its accuracy to provide all that is needed at the same time without the need to spend a lot of time searching among the papers and folders stacked.

Thank you