Services System between Citizens and the E-Government in the Iraqi Ministry of Migration and Displaced

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Abstract— In this paper, online application has been created using the Internet, which is a real means of communication between citizens and e-government. The main objectives of this application are: facilitate transactions; communication between the government and the citizen; reduce the problems and how to solve; know the real numbers of the displaced and the migrating. As the citizen can communicate with the Ministry of Migration and Displaced Persons then all the documents can be sent and received. It is also used to complete the information (modifying the names plus delete the change of places and exit) in the database system using the full name and number of the family ration card to enter the system. The user can send their request to the electronic public distribution system directly and the electronic center can take the answer and reply, the system or application is considered direct solutions for citizens and answer their inquiries, know where they are, where they move, update their numbers by the employees, modify, view and add database. The system gives the name of entry and the password of traffic. It can be seen by using Microsoft Office Access, Tomcats server, JSP, and HTML the results are very satisfactory and accurate statistics.

Keywords— System, Citizens, E- Government, Ministry of Migration and Displaced

I. INTRODUCTION

The following terms can be defined as indicated in the Oxford Dictionary Systems "an organized set of ideas or theories or a particular way of doing something", where a company or an organization, or an individual person, puts information",

The national informatics' Center (NIC); it has done a remarkable job of connecting thousands of government offices which are the repositories of a wealth of information required for planning and execution of numerous development schemes and also for governance. It has been assigned the task of computerizing work in different department of the union as well as state government. the implementation of e
government in Netherlands municipalities. State,   density, economy [1]. Centralized Online Real-time Electronic Public Distribution System in the Chhattisgarh Public Distribution System [2].

The Ministry of Migration and Displaced Persons is concerned with all the affairs of the displaced in all Iraqi areas, securing their return to their areas and villages, fortifying their situation from all social and economic aspects, enabling them to settle in their places of residence and contribute fully to the rights and duties of citizenship.

The study examined the key factors that e-government services can use, the only portal for interactive public services (SPIPS) in Uzbekistan. Where a survey of 216 respondents is done. The results demonstrated accuracy and validity of the system. Results from the Structural Equation Model (SEM) suggested that output standards had the greatest effect ($\beta=0.745$, $p < 0.001$) on Uzbekistan 's decision to use e-ggovernment [6].

Another study suggested and validated an extension of the Unified Electronic Government Adoption Model (UMEGA). The data analysis was conducted using a modeling technique using Smart PLS 3.0 for structural equation. The results   showed that performance expectancy, effort expectation and social influence are contrary to expectations. Significantly determined the intent of behavior to use the e-government service and the expected efforts of it [7]. In this paper, many services discussed in this search, details of the e-government and the growth and development of the relation between government and citizen, and it is main method to create a relationship between the citizen and the electronic government (Ministry of migration and Displaced).

This paper is organized as following. Section II presents about the electronic government and the related works about. Section III unfolds the method used. Respectively result and discussion in Section IV. Main site for use are described in Section V. and finally, the paper concludes with Section VI.

II. E- GOVERNMENT

E-governance is a form of e-business in governance comprising of tactics and systems worried in deliverance of digital offerings to the public citizens. In Military Application [3], toward the social inclusive digital society [4].

It also entails participating with commercial enterprise partners of government via conducting electronic transactions with them. Beside it entails enabling most people to engage with the governments, thru electronic approach for purchasing the favored offerings. In different

word, e-governance method software of digital method inside the interaction among [5],[14],[15]. The terms will be illustrated in Table I and Fig. 1.
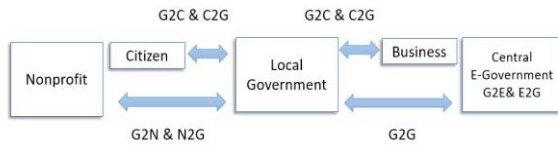
program programs like other office packages [12],[13] as shown in Fig. 2. In addition, E-R diagram for system is shown in Fig. 3.

Fig. 1. Types of e- Government Model

TABLE I. IMPORTANT CONCISE

No	Concise	Description	References
1	G	government	[4],[5]
2	C	Residents, Citizens	[2],[3],[4],[5],[6]
3	G2C	Government to Citizens	[2],[3],[4],[7],[12]
4	C2G	Citizens to Government	[2],[5],[6].
5	G2B	Government to Business	[6].[7],[12]
6	B2G	Business to Government	[2],[3],[4],[5],[12]
n7	N2G	Nonprofit to Government	[2],[3],[6].[7],[12]
8	G2N	Government to Nonprofit	[2],[3],[4],

III. METHODS

The study worked on the establishment of applications to help in the knowledge of the numbers and places of displaced persons in Iraq and the way to destroy them and solve their problems almost daily by the state to provide the application of electronic work within the environment of e-government at first use JSP, Html and Java .The First oasis for the application use MS access as a back end of the database .The application works on direct access and recording information or request, complaint and the National Electronic Center processes and sorts applications based on the rule of precedence of access [17]-[20].

Java server page is the web application tool of java to design the website which is called JSP(java Server page) [8],[10].

A. web server (apache tomcat)

Apache Tomcat is an straight forward outset fall on plate and servlet hold back appropriate by the Apache Software Foundation .Tomcat paraphernalia the Java Servlet and the Java Server Pages specifications outlander Diviner Question, and provides a "pure Java" HTTP web server environment for Java code to run [11].

B. Weakness of Adder Generator

The Microsoft workplace get entry to a database management machine from Microsoft that combines the relational Microsoft Jet Database Engine with a graphical user interface as well as software-development equipment. The Microsoft system get admission to stores information in its personal layout based on the obtaining of admission to Database Engine. It may additionally import or link at once to data stored in other packages and databases .Software developers and records architects can use Microsoft access to expand application software and can use it to build software
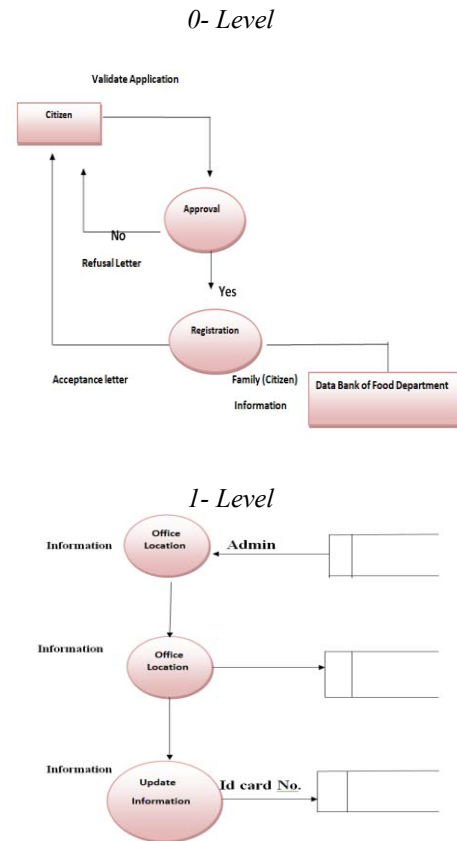
0- Level

1- Level

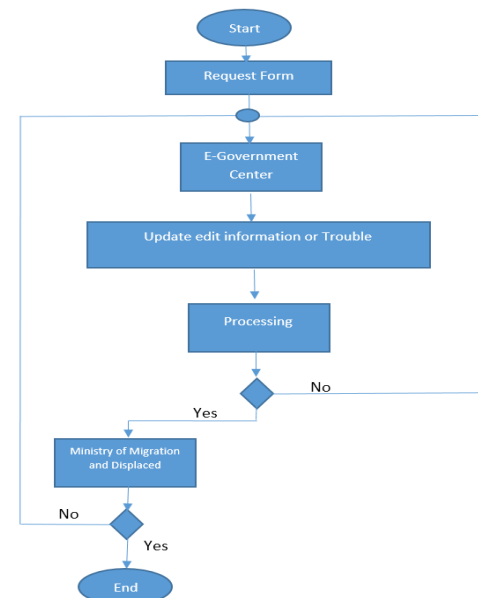Fig. 2. Proposed e-government schemes a.0'level and b. 1-Level.

Fig. 3. E-R diagram for system

IV. RESULTS AND DISCUSSION

The system of work in the Ministry of Migration and Displaced persons in the race consists of two categories of

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the first electronic system. Heavily dependent in the departments of the Ministry of Migration and Displaced Persons So our proposed system relies on its application on the ground to solve the problems and demands of citizens, which began to increase after the return of 2014.

The completion of applications as quickly as possible and know the numbers of registered citizens and update their data. The system can be missed by authorized users who have the name and the password and the answer to the requests and the update machine is connected to computers and the same system in different regions.

In this project, the path is tried to create a real link between the citizen and the government through our website. The citizen may, for example, access the site and communicate with it by sending email and asking for any request that applies to him.

The government part of this program is made up of admin and staff with special password and username. Each should handle all machine duties.

A.PROPOSED PROJECT

There are two steps to enter the first system running the tomcat program and the second is access to the internet browser by the following link http://localhost:8092/trade/main.jsp .

B.MAIN PAGE

Figure 4 shows as the main page of our project, the path is accessed by using three entry (user, admin, staff) with a quota pass password for each of them.
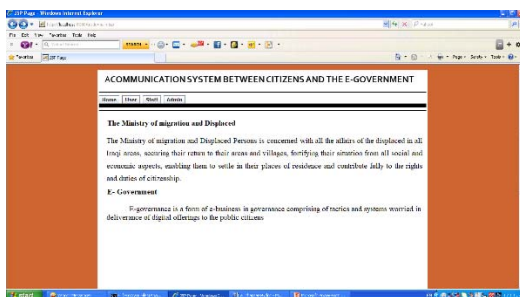

Fig. 4. First page for project

USER PAGE

User can access to the system as User with special user name & password which include of full user name and family number, as shown in Fig. 5.:

Fig. 5. The user page

V. MAIN SITE FOR USE

Figure 6 represents the main interface of the project it is possible to access the user name and password to apply for the application search add-on or modification or registration

new request to get out of the camps and specify the location of the address of the previous (old address) housing for citizens and specify the address of the housing the new location of citizens.

Fig. 6 .The user site

The people authorized to access the system are two types of first supervisors and have the possibility of updating the cyclist and adding the deletion of the data in full and the second category is the employees who are less ranked than their supervisors. The authorized supervisors have the possibility of modifying and the inclusion of new information and the transfer of requests to the higher authorities and the response to the citizens then they can delete the data only by order of the supervisors for both items have access through a passing user name and password. The main objective of this activity is to search for data in the ACCESS system which rely on the data in the named persons of the database. The HTML database is linked to the site for accessing the database along with the Access database (PERSON) via ODBS and JDBS.

The family is the first file, which contains names of the head of the family with their. Also contains the ID_NO, FAM_NO, FIRST_NAME, SECOND_NAME, LAST_NAME, OLD_PLACE, New_PLACE, Date _ departure, Date_ Arrival, Camp_ site and sector number RC_NO., as shown in Table II.

TABLE II. STRUCTURE OF FAMILY TABLE

Field name	Data type	Field size
ID_NO	Number	4
FAM_NO	Number	6
FIRST_NAME	Text	10
SECOND_NAME	Text	10
LAST_NAME	Text	10
OLD_PLACE	Text	20
New_PLACE	Text	20
Date _ departure	Number	Byte
Date_ Arrival	Number	Byte
Camp_ site	Text	20

Second file is person which contains (personal information) such as names of the head of the families and names of all members of the family with birth date for all members of the family and ID card number and record number and page number and mother name of each member and sector number RC_NO., as shown in Table III.

TABLE III. STRUCTURE OF PERSON TABLE

Field name	Data type	Field size
RC_NO	Text	3
FAM_NO	Text	6
PFIRST_NAME	Text	10
PSECOND_NAMAE	Text	10
PLAST_NAME	Text	10
BIRTH	Text	4
REL	Text	5
ID_NO	Text	6
PAGE	Text	3
REC	Text	5
MOTHER	Text	10
OLD_PLACE	Text	20
NEW_PLACE	Text	20
CAMP_ SITE	Text	20

When the project is running in the client, the first page is gotten as shown in Fig. 4.

Some information is found from clicking home and contact us bottoms and can take some assistant by help bottom. And there is also a file that will be created in the data center dedicated for the paperwork progression and to know if the application was successful or not this fie name is (result), as shown as in table IV. The citizen can follow up or any inquiry for their transaction in the E-G center they must contact E-G database via searching in the result file to know the status for their cases.

TABLE IV. RESPONSE THE RESULT

Field name	Data type	Field size
IDP	Text	6
F_FIRST	Text	10
F_FATHER	Text	10
F_GRAND	Text	10
Camp_ site	Text	10
TYPE OF PROBLEM	Text	30

The site or system enables us to put an answer to the problems facing the displaced and the people and solve it through the site. Besides, it can know the numbers of the displaced and the bleeding and communicate with them directly. Then update their records in the centers of citizens in the site of the ministry of immigration and displaced people without manipulating their initials and electronic files.

SEARCHING OPERATION

How the searching in the E-G governorates by name family or card no.: 1) Must call the site by http://localhost:8092/trade/index.html. 2) Must press family number bottom and follow the instruction. When the family number is available, family information and members appear available,as shown in Table V.

TABLE V . THE SEARCH OPERATION

FAMILY INFO

NO	RC_NO	FAMILY_NO	SIRST_NAME	SECOND_NAME	LIST_NAME	INFANT_NO	OLD_PLACE	New_PLACE	Date _ departure	Date_Arrival	Camp_site
1	6002	209	JASM	BANAN	HUSSAIN	542	Mosul	Baghdad	22.06.2014	22.12.2018	Peace
2	6003	210	Zainab	Flaih	Abdul-Kareem	543	Mosul	Diyala	31.09.2014	01.12.2018	Safety2
3	4213	211	Eman	Samir	Bhaya	544	Diyala	Baghdad	05.10.2014	22.06.2019	National5

PERSONS INFO

NO	ID_NO	SIRST_NAME	SECOND_NAME	LIST_NAME	New_PLACE	DATE_BIRTH	TROUBLE	RC_NO
1	1267	JASM	BANAN	HUSSAIN	Baghdad	22.06.1967	2	6002
2	276	Zainab	Flaih	Abdul-Kareem	Diyala	31.09.1978	1	6003
3	844	Eman	Samir	Bhaya	Baghdad	05.10.1970	3	4213

VI. CONCLUSION

However, much needs to be done in enhancing system used for information management and collaboration among government officials and departments, broadening e-government services from information access to transaction support enable citizens, businesses and other government entities to submit information, engage in financial transactions , interact with government departments. Also, the following points can be concluded:

A- Many services discussed in this search, details of the e-government and the growth and development of the relation between government and citizen, and it is main method to create a relationship between the citizen and the electronic government (Ministry of migration and Displaced).

B-Taking advantage of the government in reducing the time and ease of completing transactions

C-The aim of the system:

a- To allow the user only accessible to authorized and various functions and
Processing available in the system.

b-By using a few amount of paper and most of the work done by the computer and the network.

D -After viewing the post literature, and Technology Review. I moved to the next step are the materials and methods. And include the following: Requirement analysis, Economic feasibility study, System specification requirements, system design and Implementation.

Distinguishing attacks. For fixed extreme patterns of key and six inputs producing completely random output. The correlations between keystream and ciphertext have to be performed and exploit other attacks as future work.

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