



AL-RAYAN UNIVERSITY
FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY
INFORMATION TECHNOLOGY DEPARTMENT

Clearance Management System

A PROJECT SUBMITTED IN PARTIAL FULFILMENT THE
REQUIREMENTS OF BACHELOR DEGREE IN INFORMATION
TECHNOLOGY

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جامعة الريان
كلية الهندسة وتقنية المعلومات
قسم تقنية المعلومات

نظام إدارة إخلاء طرف

مشروع تخرج مقدم للحصول على
درجة البكالوريوس في
تقنية المعلومات

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المكلا

فبراير-2022

اهداء وشكر

نهدي هذا العمل لكل شخص ساهم في إنجاح المشروع من دكاترة أفاضل وزملاء عزيزين.
ومن باب من لا يشكر الناس لا يشكر الله لا ننسى الداعم الأول لتسهيل أمورنا في المرحلة الدراسية من الأساسي الى الجامعي الوالدين الموقرين نهدي لهم خالص العمل ممزوج بالحب المعطر بصفاء روح المستقبل.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

In light of the technological development, that has affected all aspects of life, and in light of the poor economic living situation, and based on the principle of responsibility and social concern, we have decided to launch a service that eases the burden of material and moral hardships. The service will provide the student with knowledge of what obligations he has from others before starting the graduation procedures or announcing his withdrawal from the university. It will also save you the hassle of traveling and the wasted effort in providing the obligations owed by it. The first controller of the service is the Office of Admission and Registration, the purpose of which is the student. As for those concerned with the service, they are all offices specialized in imposing a commitment or preventing it from the student. This service will be within the university's website system. It will be a sub-service that the student can benefit from at any time he wants.

1.2 Problems Statement

Our problems are wasting time and effort, as well as the lack of all employees at the same time, as well as manual blogging, which is perishable and difficult to search.

1.3 Objectives

- General objective

Create an electronic release system.

- Secondary objectives

- 1- Save time and effort.
- 2- Providing the service efficiently and effectively.

1.4 Scope of Project

This work is limited to a release system for graduate students only and of Al Rayan University

Out of scope:

- 1- The database of student.
- 2- The withdrawal function.

1.5 Related work

In this section, we will present several previous projects and summarize the most important operations.

1.5.1 Online Clearance System Thesis Submitted in Partial Fulfilment of the Requirement for the Degree of B.Sc.

The online clearance system is an internet-based study initiative that will help facilitate the queuing system in the clearance process of the university. The online clearance system can provide an efficient handling of information that is very easy for universities to use since it is internet-based and can be viewed from anywhere and at any time [1].

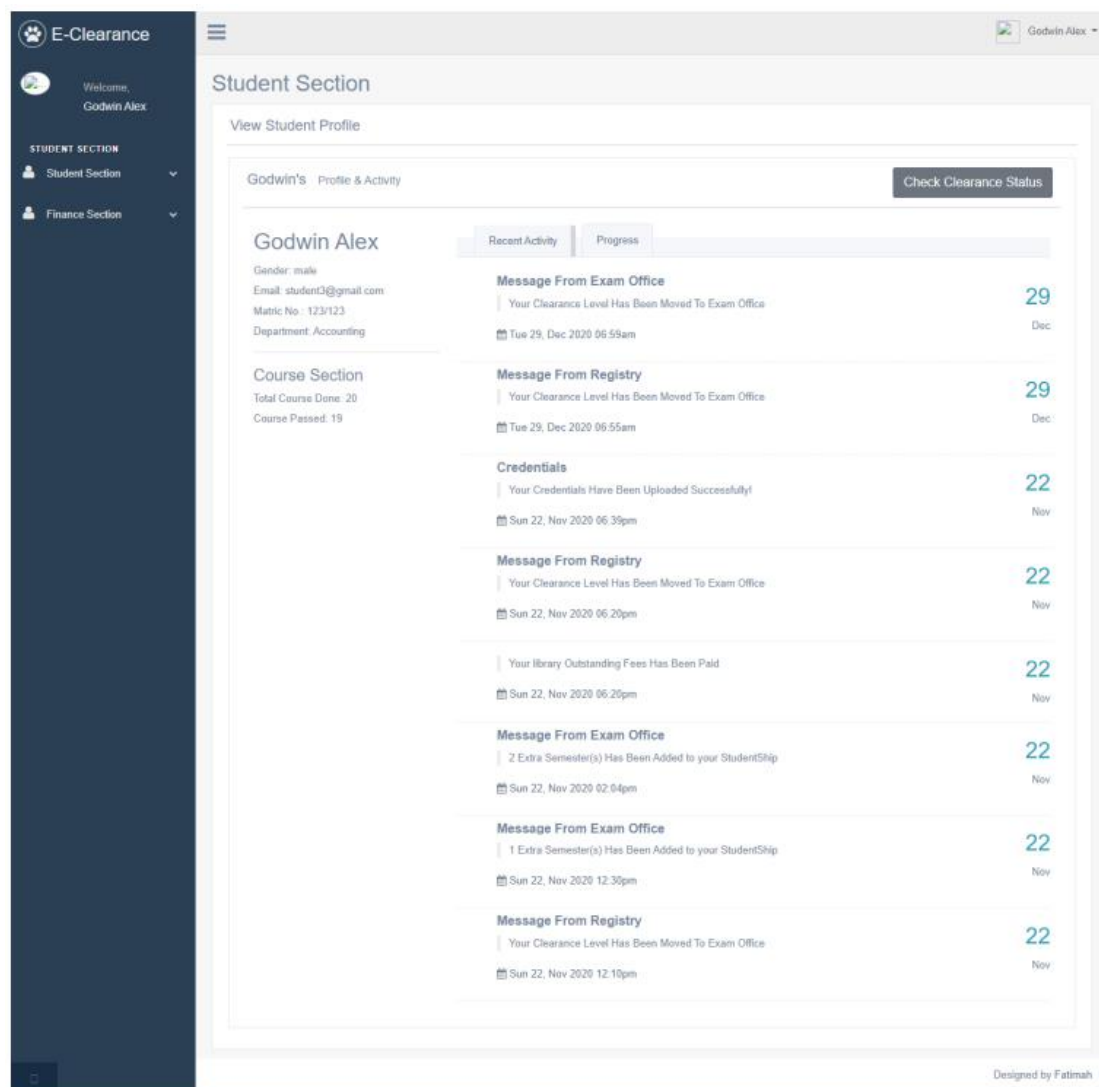


Figure 1.1

1.5.2 Design and Implementation of Online Clearance System: A Case study Of Imo State University.

Online clearance system is a research work that will help build an effective information management for schools. It is aimed at developing a system for making clearance after graduation hitch free. The designed software will serve as a more reliable and effective means of undertaking students clearance, remove all forms of delay and stress as well as enable you understand the procedures involved as well as how to do your clearance online[2].

Figure 1.2

Figure 1.3

1.5.3 DESIGN AND IMPLEMENTATION OF ONLINE STUDENT CLEARANCE SYSTEM

Computer Software Based online clearance system is an internet base research work that will help build an effective information management for schools. It is aimed at developing a computer software system that replaces the manual method of clearance for graduating students. The designed software will serve as a more reliable and effective means of undertaking students clearance, remove all forms of delay and stress as well as enable you to understand the procedure involved, as well as how to do your clearance online [3].

CARISUNUNISTY AND BENEFACTOR	
Motto: Love For Education and Moral	
<i>Student clearance page</i>	
Surname	<input type="text"/>
Firstname	<input type="text"/>
Reg No.	<input type="text"/>
Library	<input type="text"/>
Male Dean	<input type="text"/>
Security	<input type="text"/>
Department	<input type="text"/>
Exams and Records	<input type="text"/>
Date	<input type="text"/>
Receipt	<input type="text"/>
Remark	<input type="text"/>
<input type="button" value="Submit"/>	

Figure 1.4

1.5.4 Design and Development of Online Clearance System for Tertiary Institutions: A Case Study of Tai Solarin University of Education, Ogun State, Nigeria

Online clearance system is an internet base research work that will help ease the queuing system in the university's clearance process. Online clearance system will build an effective information management that is very convenient to use for schools since it is internet based and can be accessed from anywhere. It is aimed at developing a computer software system that replaces the manual method of clearance for graduating students and that also help students to carry out their clearance without coming to the various offices for clearance [4].

TAI SOLARIN UNIVERSITY OF EDUCATION

Welcome Awoyemi Adeola Matric No: 20120204072 (computer science)

[make payment](#)
[verify your receipt](#)
[other clearance](#)
[logout](#)

Exams and Record

Please Cross-Check All Information and supply your email address before you Finally Submit. If you have any complain, please feel free to send a message

Awoyemi Adeola

20120204072

computer science

REF10020120204072

REF20020120204072

REF30020120204072

REF40020120204072

14410135302000

LIB20120204072

ADMIN20120204072

CMP20120204072

TX20120204072

STDAFF20120204072

SENT20120204072

EMAIL

[Final Submission](#) [Send Complaint](#)

Figure 1.5

<i>Welcome Awoyemi Adeola</i>	<i>Matric No: 20120204072 (computer science)</i>
-------------------------------	---

[make payment](#)
[verify your receipt](#)
[other clearance](#)
[logout](#)

Pay To Busary

Step 1

Figure 1.6

1.5.5 A Web-Based Database-Driven Students ' Clearance System

The aim of this project is to design and develop an online student's clearance system using PHP and MySQL that will eliminate the delays in the manual process and create a central repository for students to be cleared. It will be implemented as a web-based application which will be a central repository for clearing students. The main modules of clearance system are Main Module, Clearance Registration, Cleared/ Not Cleared and Administer. The user is created and managed by the Systems Administrator using the Administer module [5].

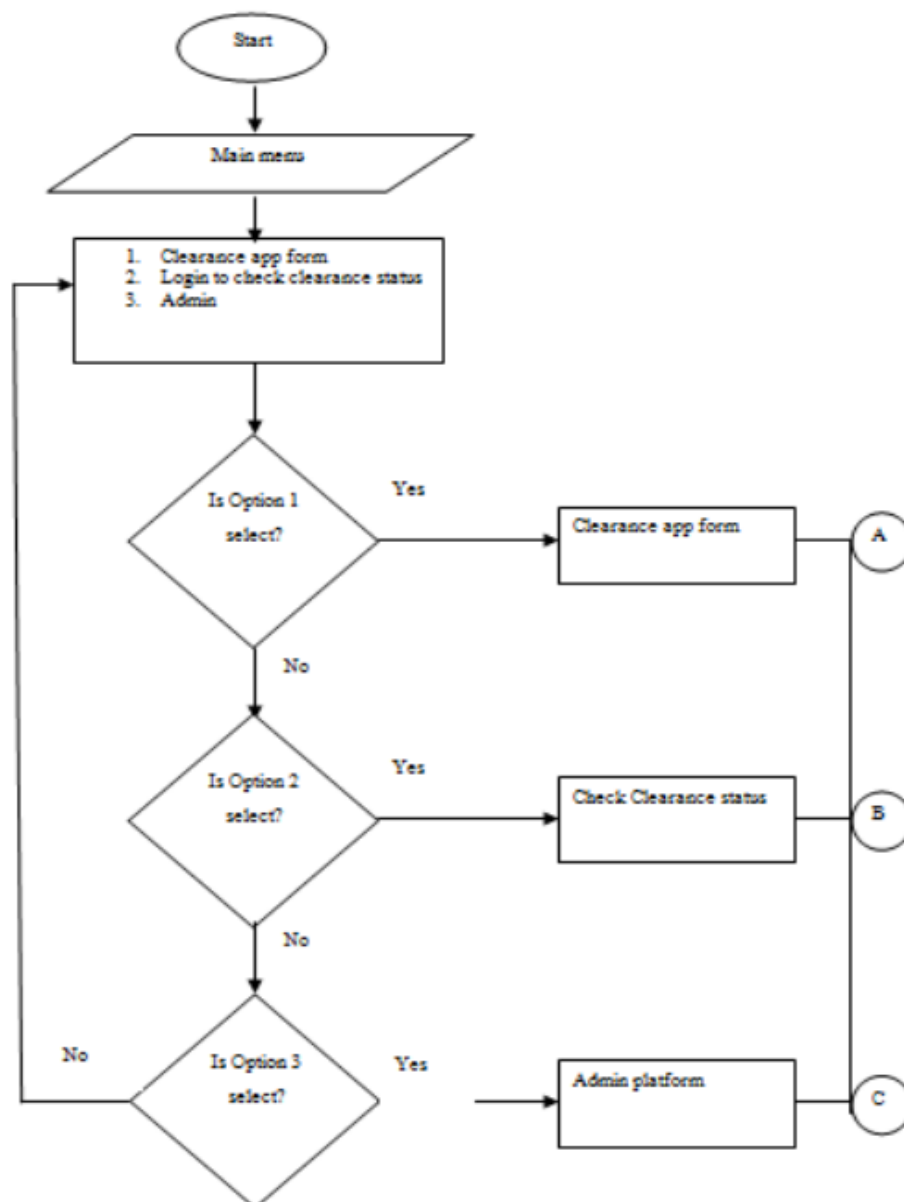


Figure 1.7

CHAPTER 2

RESEARCH METHODOLOGY

2.1 Introduction

This chapter will contain the design of some function related work and requirements of the project. These functions contain plans of Use Case, Data Flow Diagram (DFD).

2.2 System Analysis

Use Case

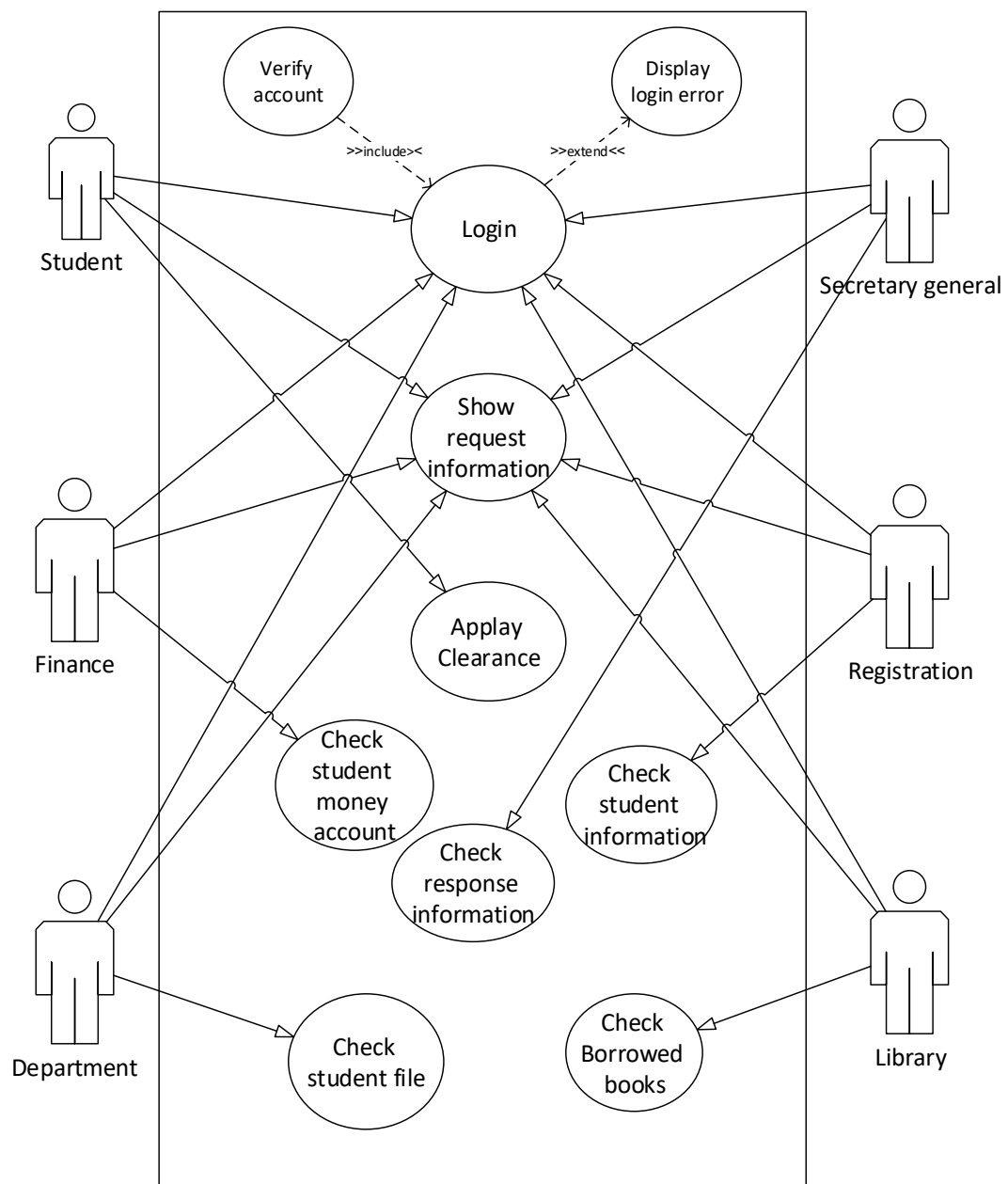


Figure 2.2.1 Use Case Diagram

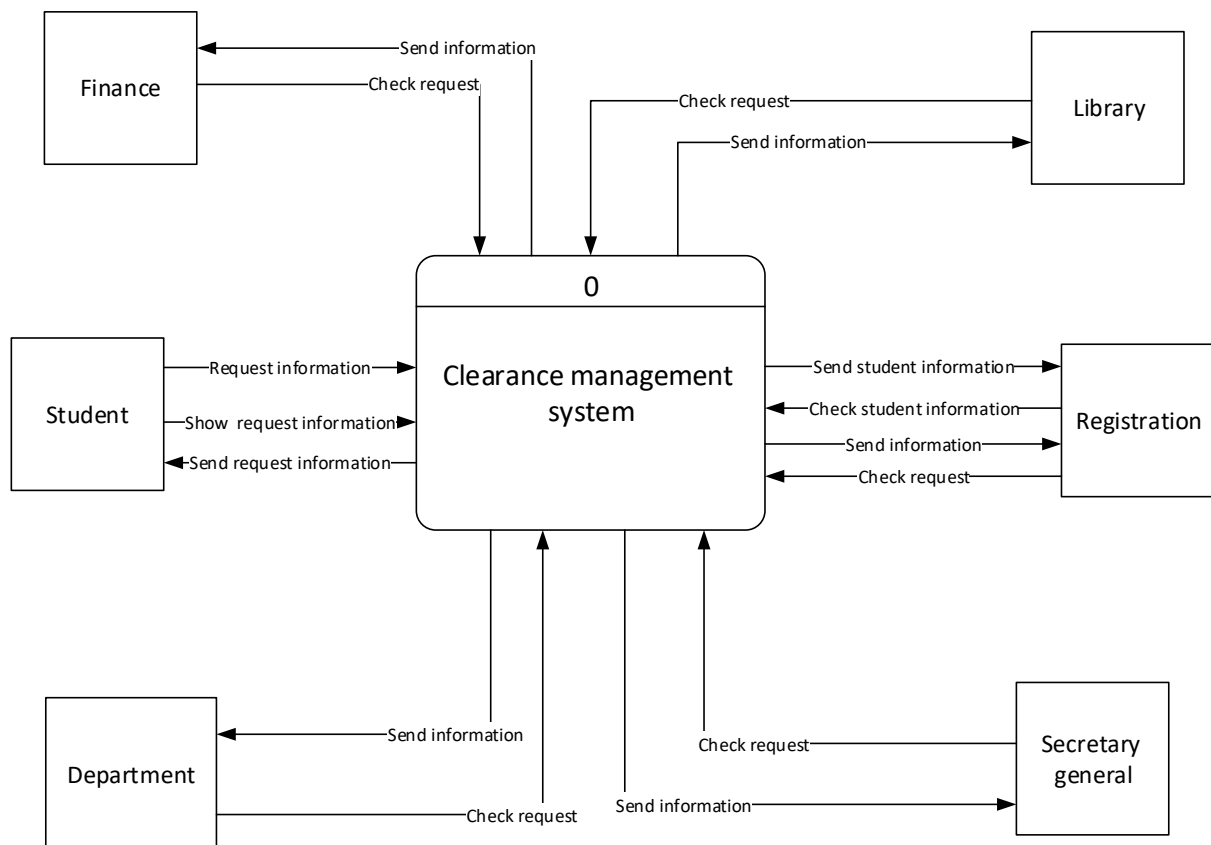


Figure 2.2.2 Context Diagram

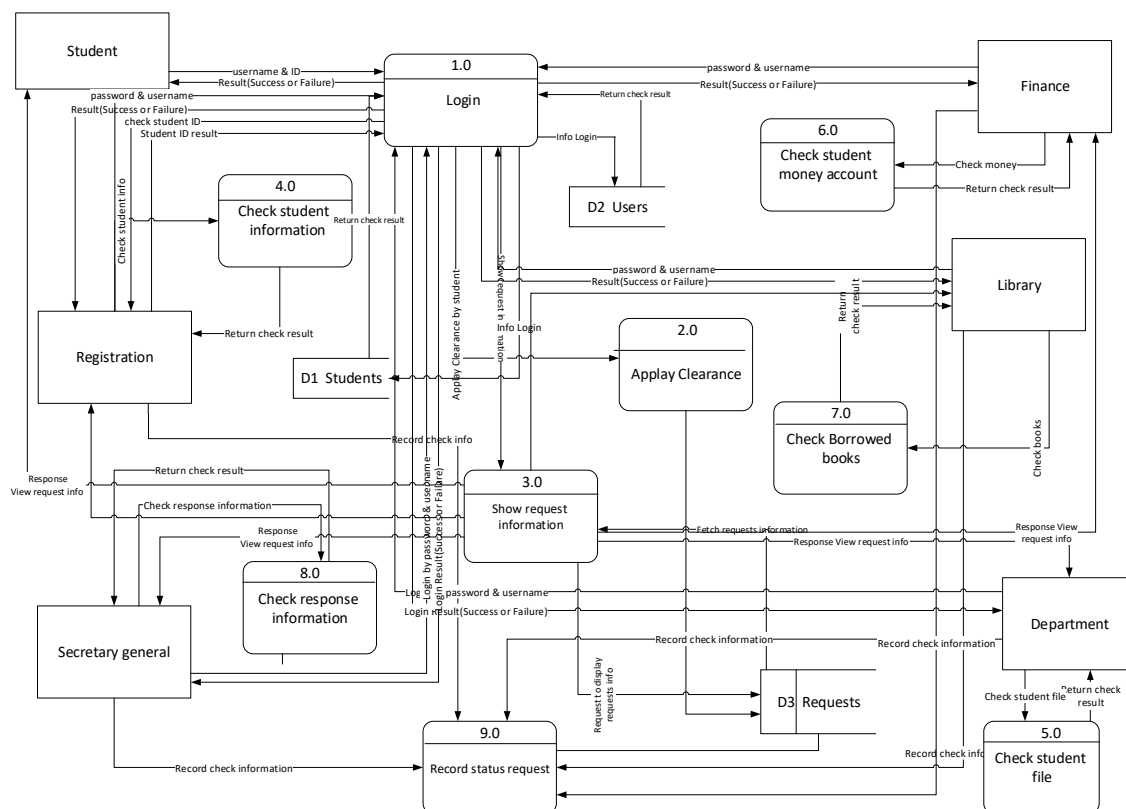


Figure 2.3 DFD level 1

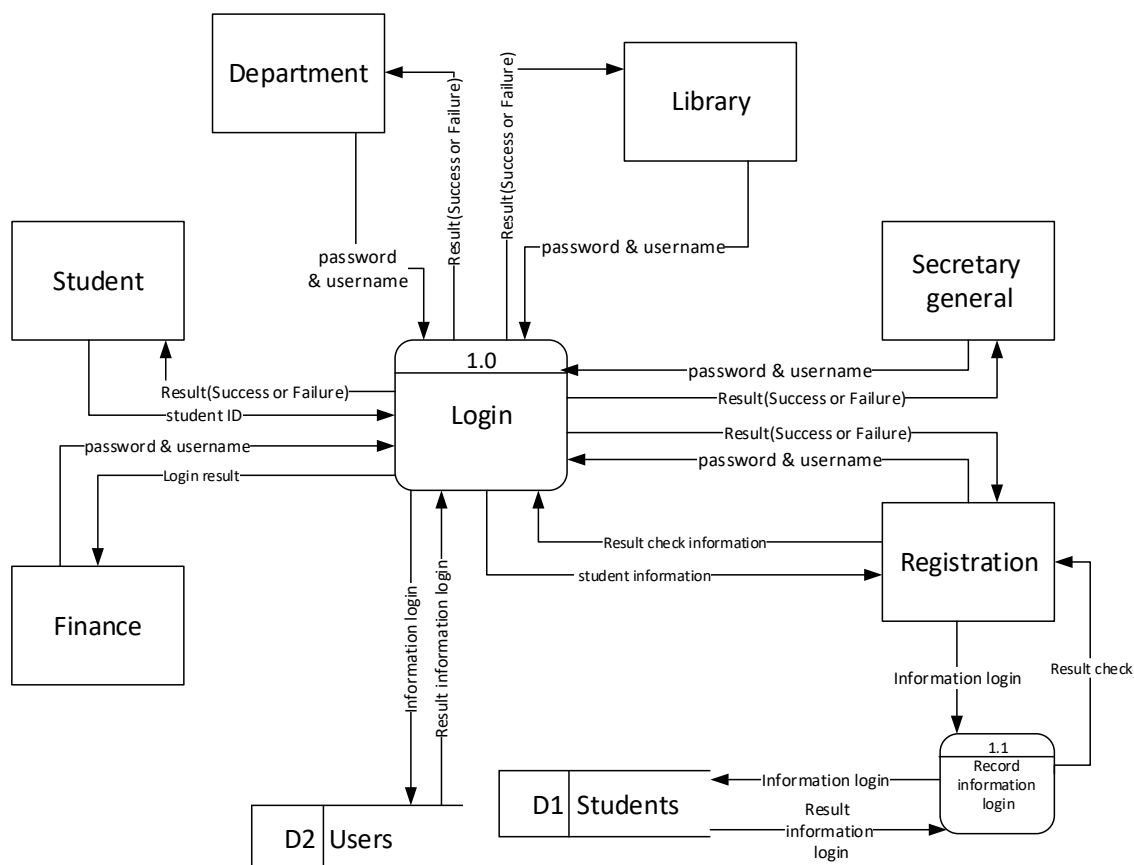


Figure.2.4 Level 1 Login process

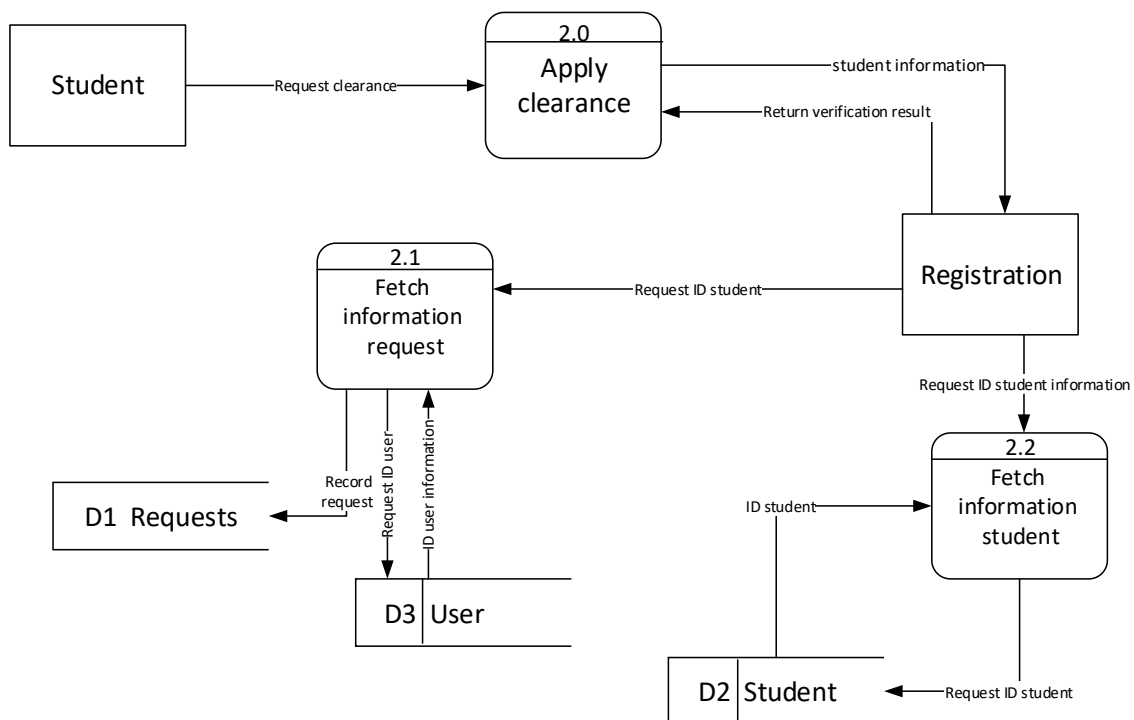


Figure 2.5 Level 1 Apply process

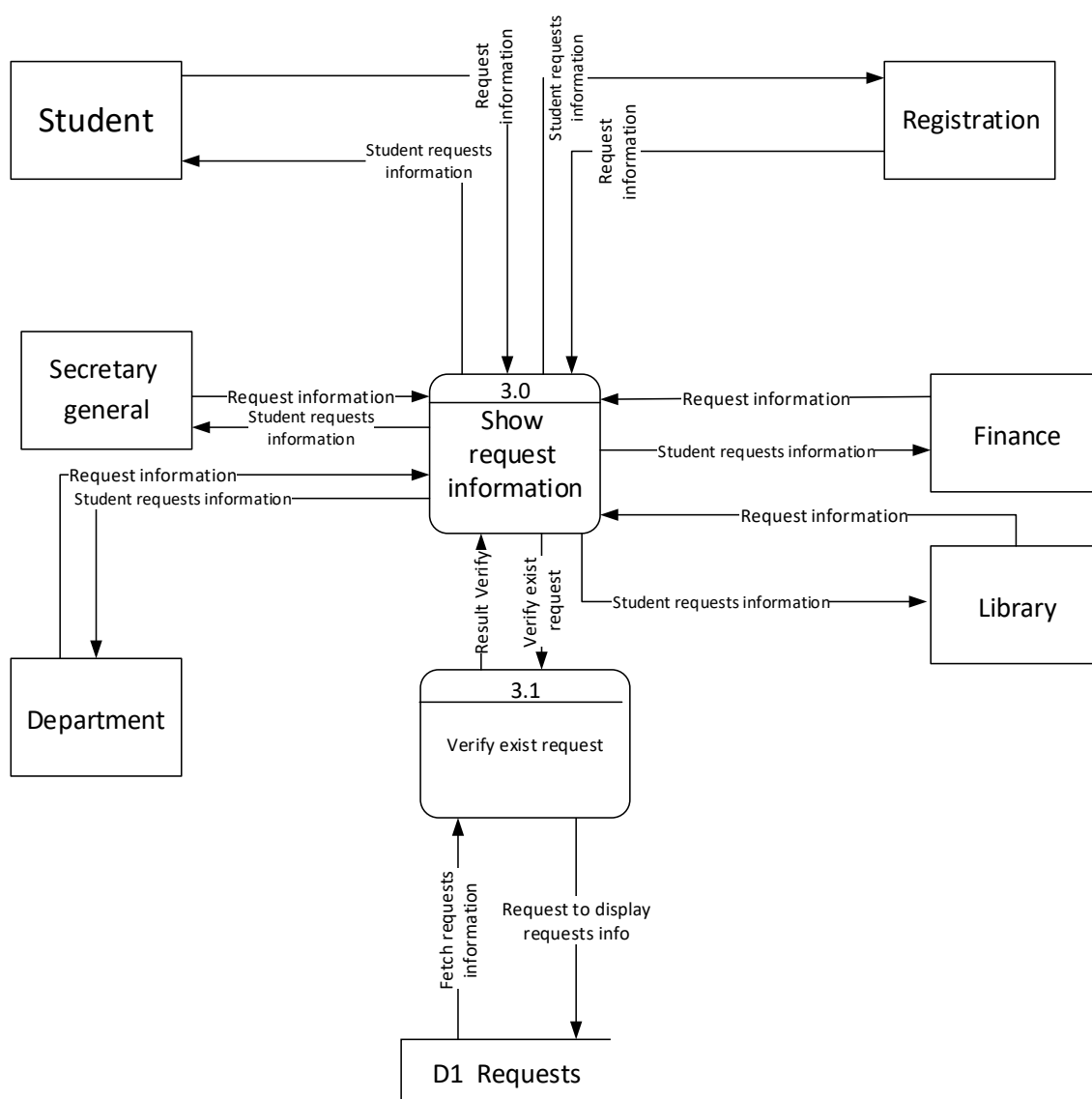


Figure 2.6 Level 1 Show process

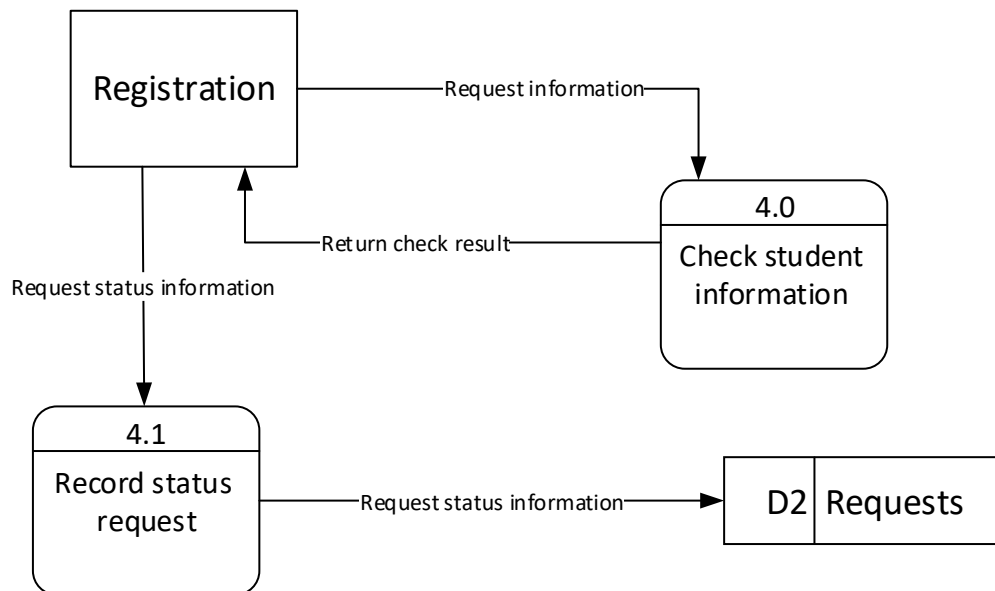


Figure 2.7 Level 1 Registration Check process

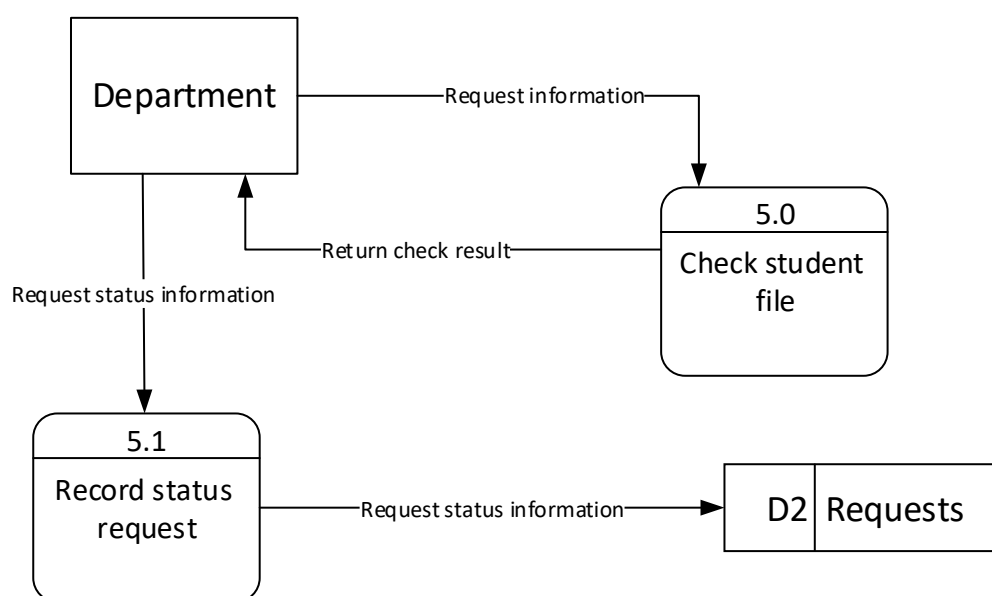


Figure 2.8 Level 1 Department Check process

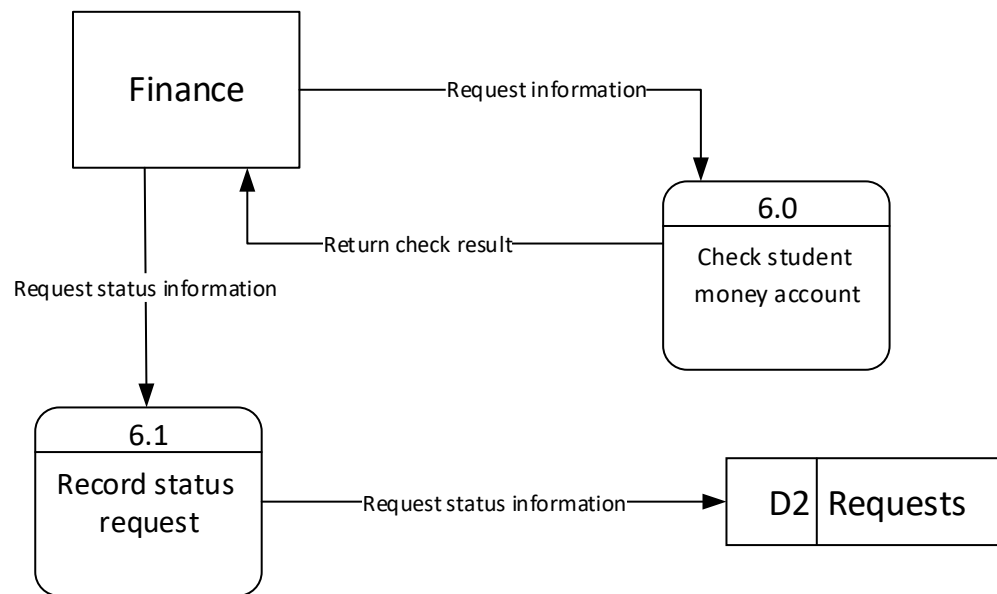


Figure 2.9 Level 1 Finance Check process

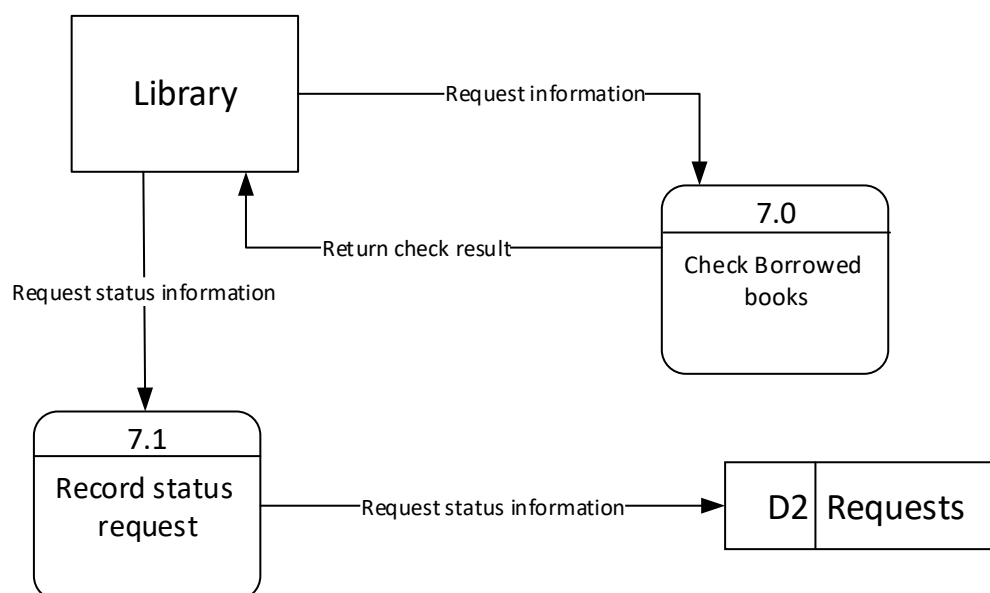


Figure 2.10 Level 1 Library Check process

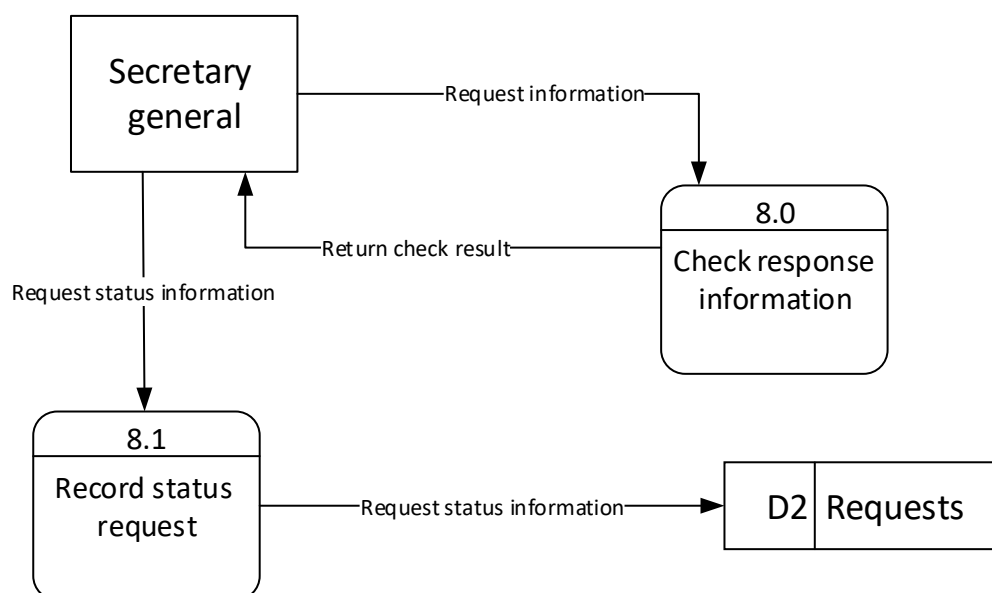


Figure 2.11 Level 1 Secretary general Check process

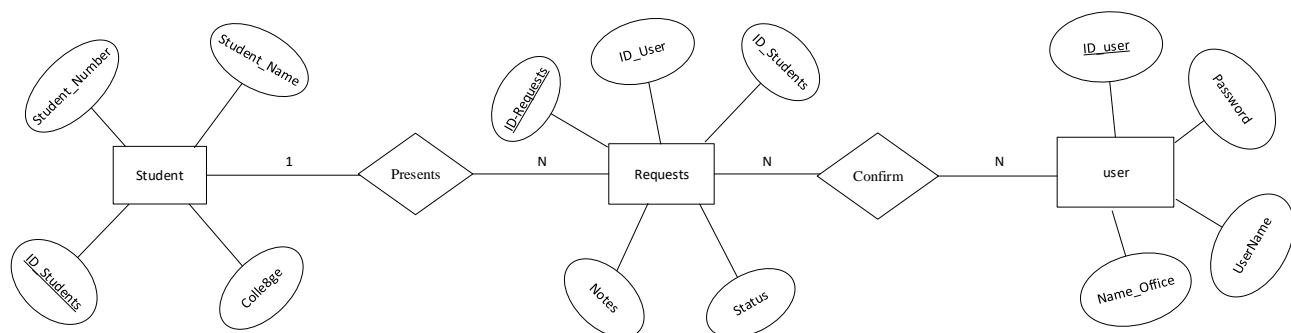


Figure 2.12 Entity Relationship Diagram (ERD)

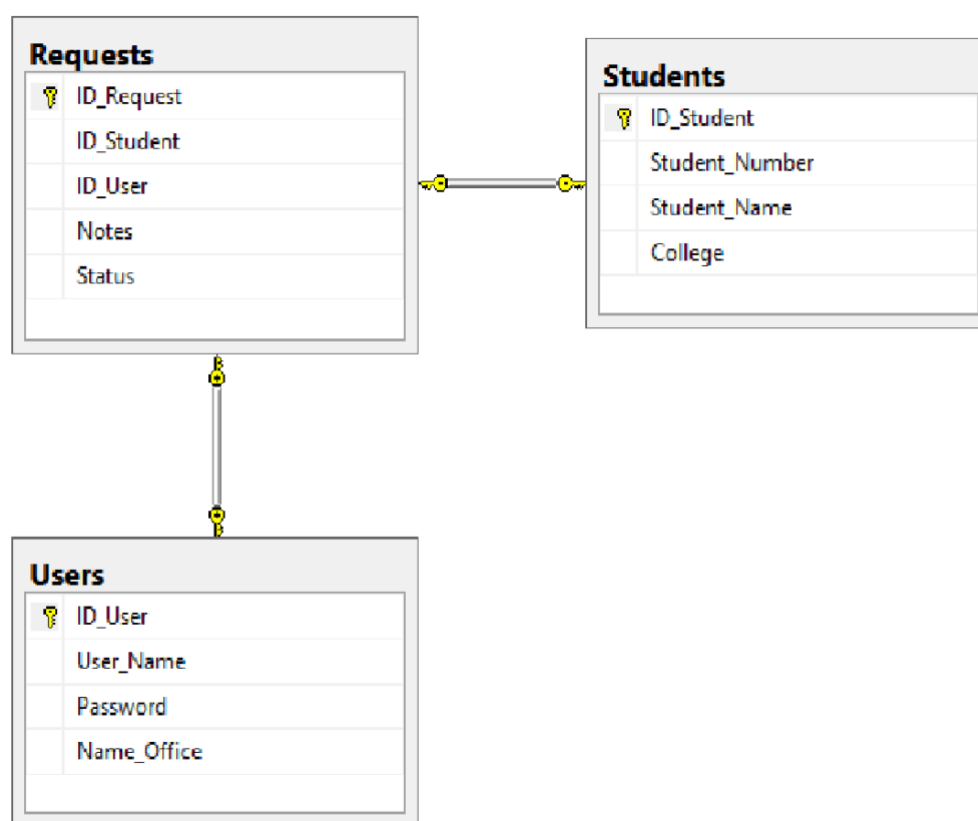


Figure 2.13 Database Diagram

CHAPTER 3

3.1 Introduction

In this chapter, we will display the most important UI in our website.

3.2 System Design

3.2.1 Main Interface

In this interface, the process of sending a request to evacuate a party to the student and displaying the details of the request and also through which office requests are displayed.



Figure 3.1 Main Interface

3.2.2 Apply clearance

The process it is a process of verifying the student's data and through which the request to evacuate the student's party is accepted or rejected.

ارسال طلب اخلاء طرف

بيانات الطالب

اسم الطالب

رقم القيد

الكلية

تقديم الطلب

جميع الحقوق محفوظة للجامعة العربية

Figure 3.2 Apply clearance

3.2.3 Login offices

In this process, you are logged into your personal account to process the student's request.

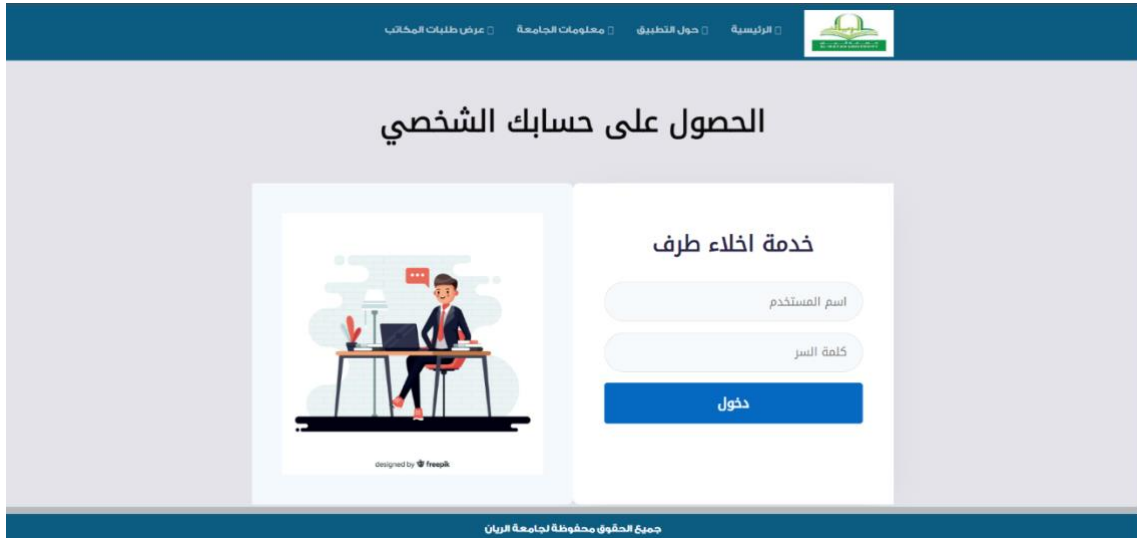


Figure 3.3 Login offices

3.2.4 Requests record

On this page, student requests are displayed and processed by the administrator.

سجل الطلبات			
أسم الطالب	رقم قيد الطالب	الكلية	معاملة الطلب
عبدالله خميس باهون	1997	كلية معلومات	
جميع الحقوق محفوظة لجامعة الريان			

Figure 3.4 Requests record

3.2.5 Processing request

Here, the student's data is processed after the records are reviewed physically.

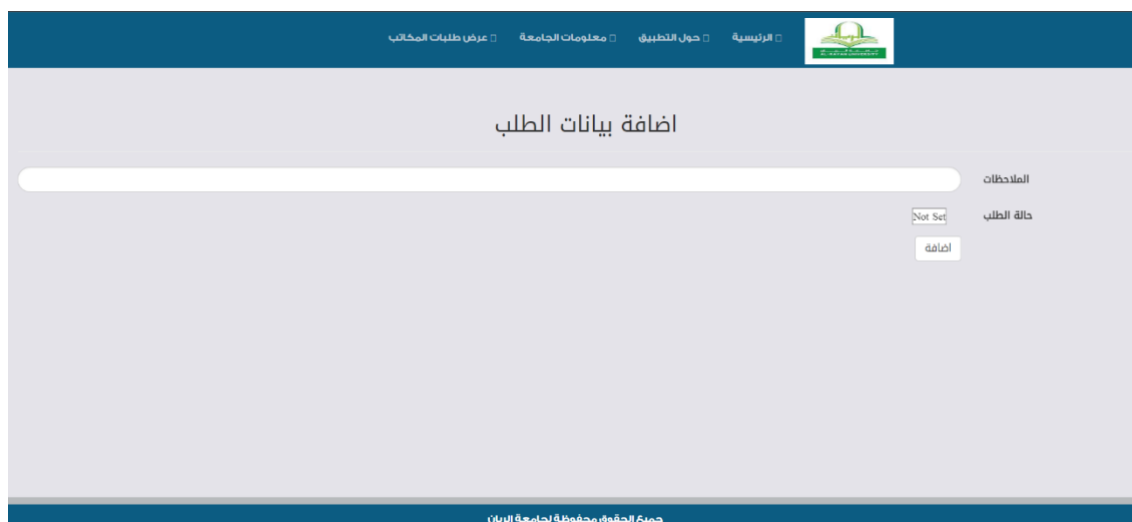


Figure 3.5 Processing request

3.2.6 Show request status

Here, the student is verified by his registration number, in order to display the status of the application.

Figure 3.6 Show request status

3.2.7 Request status

On this page, the status of the application is displayed after the application has been processed by the concerned offices.

عرض حالة الطلب		
المكتب	الملاحظة	الحالة
العمادة		Not Set
المالية		Not Set
المكتبة		Not Set
القبول والتسجيل	كامل القسائط	False
الأمن العام		Not Set

جميع الحقوق محفوظة لجامعة الريان

Figure 3.7 Request status

CHAPTER 4

CONCLUSION AND FUTURE WORK

4.1 Conclusion

The service provided helps graduate students to save money and effort from what we have seen from the current situation in the matter of applying for a party evacuation, and also prepared the administrators to receive the evacuation request before the actual submission of the application.

4.2 Future Work

1. Activating the submission of the electronic evacuation certificate.
2. Giving the opportunity in the service to include registered students, not just graduates.
3. Inclusion of a special path for university employees to submit a request to release a party.

References:

- [1] [Online Clearance System] Thesis Submitted in Partial Fulfilment of the Requirement for the Degree of B.Sc. Research paper
- [2] Design and Implementation of Online Clearance System: A Case study Of Imo State University. Related papers
- [3] DESIGN AND IMPLEMENTATION OF ONLINE STUDENT CLEARANCE SYSTEM
- [4] Design and Development of Online Clearance System for Tertiary Institutions: A Case Study of Tai Solarin University of Education, Ogun State, Nigeria. Research paper
- [5] A Web-Based Database-Driven Students` Clearance System. Research paper