ملخص مشاريع التخرج
لطلاب كلية الحاسبات والمعلومات
جامعة أسيوط

للعام الجامعي٢٠٠٨ـ٢٠٠٩م

القسم	IT& IS
اسم المشروع	**Student housing Access Control Utilizing RFID(1)** **Library Access Control Utilizing RFID (2)**
المشرف	أ.د/ حسنى محمد ابراهيم
المجموعة (١)	١- طه سيد احمد ٢- محمد همام حلمى ٣- سماح ممدوح عبد الحفيظ ٤- سلوى مراد احمد ٥- زينب جاب الله حسن ٦- أسماء على على
المجموعة (٢)	١- رانيا ممدوح عزمى ٢- سارة عاصم إدوارد ٣- رشا إبراهيم سامى ٤- سارة سليمان موسى ٥- نرمين ابراهيم خليل ٦- مينا مكرم بخيت ٧- رومانى سمير نخنوخ
المعاونون	م/ احمد محمد عبدالمنعم م/ ماجد احمد جادالرب عسكر

نبذة عن المشروع

Radio frequency Identification (RFID) is finding a widespread use in many applications such as: payment for transportation, security enforcement, ware house supply, identity verification, access control,.. etc. RFID is an automatic identification method used for remotely storing and retrieving data on a small contact less chip (tag). The data are read or stored on this chip by an special controller, RFID reader, which processes the data that can be used in different purposes. It is required to recognize the RFID system (tag, reader) and understand its programming and interfacing with computer and build an application for handling the data received by the RFID systems for using, an access control system.

		القسم
	IT & IS	القسم
Management System for Controlling Wireless Access Network		اسم المشروع
أ.د/ حسنى محمد ابراهيم		المشرف
١ – امجد رفعت طانيوس ٢ – جوزيف نصرى دقدق لوقا ٣ – بيشوى جمال ثروت ٤ – حشمت جيد ارساليوس ٥ – رامى فرج مهنى ٦ – كاترين صالح عبدالملاك ٧ – مريم نعيم بقطر		اسماء الطلاب
م/ احمد محمد عبدالمنعم م/ ماجد احمد جادالرب عسكر		المعاونون

Wireless networks are becoming in widespread use due to its advantages in covering places in which wired network is difficult to implement. Also mobile user depends mainly on connection through WI-FI co connection to their corporate network. WI-FI networks utilize group of access points connected to the nearest wired networks. It is required to build an application that manages and control users   accessing these network.

القسم	IS & CS
اسم المشروع	Windows SPY
المشرف	أ.د/ يوسف بسيونى مهدى
أسماء الطلاب	١ – لطفي ربيع أحمد عثمان
	٢ – مروان ثروت سيد علي
	٣ – محمد الطاهر يحيي حسين
	٤ – محمد محمد عبد اللطيف عبد العال
	٥ – محمد مصطفي حجازي محمد
	٦ – فادي نشأت منهري جورجي
المعاونون	م/ على صابر عبدالرحيم
	م/ احمد إبراهيم طلوبه
	م/ محمد حلمى عبدالحميد
	م/ اسلام طه مرسى

Spy Software (also called "Computer Monitoring Software") is undetectable software that runs on a computer, and secretly records a computer user by capturing all keystrokes, websites visited, documents read, chat conversations, etc. Some of the more real life popular uses of such application are child Internet-monitoring, and employee monitoring, or simply making sure no one uses your computer improperly when yore gone.

The level of monitoring done can vary from just logging all the key strokes of the user, to making screenshots of the computer's desktop on predefined typed words.

Spying software can also be in the form of web based service. In this type of spying service, the owner is not required to physically access the monitored computer to view the recordings. Everything is saved and maintained on a web server.

The proposed project consists of building full applicable spying software with all common features (and more) included, such as:

1- Recording key strokes, mouse movements and clicks, websites visited, programs visited and files changed and viewed, dates and times of different actions, making snapshots of the computer screen at pre-defined events. Any combination of the above is possible to define for a specific software run .

2- The implementation of a web server which can completely control the application that runs on a remote computer. We have such options as enable or disable our running application or close it completely; we can check if the user is currently working on the machine or not, send the log files created to our Email, or even instantly send the logs we choose to our computer.

3- A technique for fast install of the software on any computer, also making it load on start-up was developed. In this scenario, you can install the application with a single click, making sure it starts running even after computer reboot .

4- Another important feature of spying that was implemented in the current application is the hidden and undetected running mode of the software. We took special care for enabling a stealth running mode, disguise the process itself, and make sure that file transferring to the server and the log files creation doesn't interfere or felt by the user working on the computer.

The entire project components described above creates complete real life usable spying software that can be used on any windows version with .net framework installed, to create a complete picture of activities done on any PC

IT & CS	القسم
Intrusion prevention system- Dynamic honey net	اسم المشروع
أ.د/ يوسف بسيونى مهدى	المشرف
١ – علا عطا أحمد عبد الرحيم ٢ – فاطمة خليل بحر خليل ٣ – شيماء محمود محمد سليم ٤ – هبه عبد الباسط نصارى ٥ – عبير عبد الحميد محمود	أسماء الطلاب
م/ على صابر عبدالرحيم م/ احمد إبراهيم طلوبه م/ محمد حلمى عبدالحميد م/ اسلام طه مرسى	المعاونون

نبذة عن المشروع

The purpose of the project was to create a distributed honey pot (honeynet) in a client-server model. Each client acts as a crawler and traverses the internet, trying to imitate a real-user behavior. Upon the completion of a web-page, the client runs a self-diagnosis and reports to the server.

The server maintains a database (remote SQL) of the clients, has a control over them, and can also export reports as a web-page (HTML).

CS	**القسم**
FCInet Virtual Supercomputer (Grid computing)	**اسم المشروع**
أ.د/ يوسف بسيونى مهدى	**المشرف**
١ – آيات رشاد عبد الحفيظ ٢ – أحمد عبد البارى محمد ٣ – عبد الرحمن كامل صديق ٤ – محمد فرغلي عبد المقصود	**أسماء الطلاب**
م/ على صابر عبدالرحيم م/ احمد إبراهيم طلوبه م/ محمد حلمى عبدالحميد م/ اسلام طه مرسى	**المعاونون**

FCInet Virtual Supercomputer (Grid computing)

نبذة عن المشروع

Grid computing is applying the resources of many computers in a network to a single problem at the same time – usually to a scientific or technical problem that requires a great number of computer processing cycles or access to large amounts of data.

AU-FCINet is an implementation of the "grid computing" idea in .Net with extensions for generic projects.

This application enables simultaneous running several .Net computation projects in parallel, utilizing the power of all the clients connected to the AU-FCINet grid.

	IS	القسم
	Implementation Of Basic Local Search Tool (Blast) in Database	اسم المشروع
	أ.د/ يوسف بسيونى مهدى	المشرف
	١- وفاء عبد العال مصطفي محمد	
	٢- هاجر صالح محمد أحمد	أسماء الطلاب
	٣- نجلاء عبد الهادي سليم	
	م/ على صابر عبدالرحيم	
	م/ احمد إبراهيم طلويه	
	م/ محمد حلمى عبدالحميد	المعاونون
	م/ اسلام طه مرسى	

* Implementation of

- Global alignment; which find the exact match between two sequences (the entered query , and the Databases).

- We implement it using C# , and as astored procedure in SQL server.

* Implementation of BLAST algorithm

- Compare protein sequence with protein database.

- Compare nucleotide sequence with nucleotide database .

القسم	**IT & CS**	
اسم المشروع	**Friends Cyber Club – FCIbook**	
المشرف	**أ.د/ يوسف بسيونى مهدى**	
أسماء الطلاب	**١- أمجد جمال خلف متري** **٢- أنجلوا عصام صابر فرج** **٣- بيتر صدقي أنور دانيال** **٤- جورج نسيم نجيب يواقيم** **٥- نبيل منصور نعيم بشاي** **٦- مجدي منصور تادرس جرجس** **٧- نور شرقاوي ثابت شرقاوي**	
المعاونون	**م/ على صابر عبدالرحيم** **م/ احمد إبراهيم طلويه** **م/ محمد حلمى عبدالحميد** **م/ اسلام طه مرسى**	

Friends Cyber Club – FCIbook

نبذة عن المشروع

AUFCInet is a social networking website for students, inspired by facebook. With the rise in social networking websites, it is hard to ignore their impact on today's culture and how users interact with each other online.

The main goal of this project is to create a website which, like facebook, lets users interact with each other by exchanging messages and pictures. The website is intended to meet all the standards of the Web 2.0 era – dynamic pages that are built on content that the users themselves create.

Each user has a profile page. He can watch profile pages of other students, leave them public messages for everyone to see, or send private messages in an 'Inbox' like interface. He can also search for new friends by name or by faculty to extend his network of friends. He can also upload pictures and browse pictures of other users.

القسم	IS
اسم المشروع	**FCITUBE**
المشرف	أ.د/ يوسف بسيونى مهدى
أسماء الطلاب	١ - مصطفي محمود أحمد توفيق ٢ - محمود محمد محمود سلمان ٣ - محمود محمد جابر غيضان (لائحة قديمة) ٤ - مصطفي حسن السيد (لائحة قديمة) ٥ - كيرلس ماهر راسم محارب ٦ - زكريا أحمد حسن عبد الموجود
المعاونون	م/ على صابر عبدالرحيم م/ احمد إبراهيم طلوبه م/ محمد حلمى عبدالحميد م/ اسلام طه مرسى

FCITUBE is a public video sharing website on which users can upload and share videos . Non-registered users can watch the videos only ,while registered users are permitted to upload an unlimited number of videos.

 FCITUBE uses Microsoft latest technologies which are based on . NET framework which includes C# , ASP.NET, &SQL server , and a flash player to display a wide variety of user –generated video content . All the content on FCITUBE has been uploaded by individuals. There are no commercial videos that may belong to companies ,corporations, or other organizations.

القسم		**CS**
اسم المشروع		**Face Recognition Or Iris Recognition**
المشرف		**أ.د/ عادل ابوالمجد سويسى**
أسماء الطلاب		– محمد عبد الناصر عبد اللاه ٢ – محمد جمال عبد الله ٣ – أحمد جمال محمد محمد كمال الدين ٤ – يحيي ابو العلا احمد ٥-محمود رمضان عبد الشافى
المعاونون		م/ على حسين احمد م/ هادية محمد رأفت

One of the most classic challenges for computer intelligence is to distinguish whether a person is male or female based on their facial characteristics. The aim of this project is to use image processing techniques to provide input either a neural network, genetic algorithm or other machine learning technique and evaluate the extent to which this is possible

القسم	IT
اسم المشروع	Design & Implementation Of An Arabic Search Engine
المشرف	أ.د/ عادل ابوالمجد سويسى
أسماء الطلاب	١- شيماء محمود محمد سليم ٢- إيمان محمد عباس
المعاونون	م/ على حسين احمد م/ هادية محمد رأفت

نبذة عن المشروع

We all use web search engines such as Google or Yahoo. Did you ever wonder how they work?. We will learn by designing and building our own. Principle components include: business model, quality assurance, user interface, web crawler, database design, optimization and search, middleware, ranking of results, and hosting environment. Internet search engines are an integral part of the Internet. If you would like to know how they work, then here is your chance.

القسم	IS
اسم المشروع	**Web Page Classification**
المشرف	أ.د/ عادل ابوالمجد سويسى
أسماء الطلاب	١ – حكمت عماد الدين محمد ٢ – صفاء أحمد عبد الوهاب ٣ – أسماء محمود عبد الفتاح ٤ – سماح أنور على محمد
المعاونون	م/ على حسين احمد م/ هادية محمد رأفت

نبذة عن المشروع

Document classification is an important and time-consuming process in e.g. libraries and web portals . Automated document classification approaches use techniques similar to spam filters in that they treat documents as a collection of terms, and they use a training set to determine the most productive terms.

IS & CS	القسم
Automatic Time-Tabling.	اسم المشروع
أ.د/ عبدالرحمن حيدر عبدالرحمن	المشرف
١- مها رأفت سيد ٢- ابتسام كمال سيد ٣- ابتهال سعيد أحمد إبراهيم ٤- سمية عبد الله محمد ٥- هبه الله عباس فوزي	أسماء الطلاب
م/ مصطفى كامل عثمان	المعاونون

نبذة عن المشروع

AuTS Project aims to create a software system that can help Assiut University, and generally other universities, to set its academic and exam schedules automatically through GUI system. Project steps can be summarized as the following.

- **Data Gathering**
  - **Collecting real subject and exam schedules.**
- **Problem Modeling**
  - **Model timetabling scheduling problem and study its different reformulations.**
- **Design Decision Support Systems**
  - **Design intelligent decision support systems to solve the considered problem.**
- **Construction of the Software System and the User Interface.**
- **Evaluation and enhancement of the system.**

القسم	CS& IT
اسم المشروع	Windows Speech Recognition with Arabic Support
المشرف	أ.د/ عبدالرحمن حيدر عبدالرحمن
أسماء الطلاب	١- إسلام محمود حسين ٢- إيثار أيوب حسين ٣- آية شاذلي أحمد ٤- حسن عبد الحليم شحاتة ٥- ثناء عبد السلام نصر
المعاونون	م/ مصطفى كامل عثمان

WSRAS Project aims to creating speech recognition software that provides excellent recognition accuracy that improves with each use as it adapts to your speaking style and vocabulary. Project steps can be summarized as the following.

- **Arabic voices preparation.**
- **Training the system to recognize Arabic voices.**
- **Construction of the software system by interacting with Windows.**
- **Evaluation and enhancement of the system.**

IS	القسم
A web-enabled CMMI Tool	اسم المشروع
د. تيسير حسن عبدالحميد	المشرف
١- محمود ناصر محمود محمد ٢- محمد صبري صبره عبد الفتاح ٣- عبد الله أحمد عبد الحفيظ نصار ٤- زكى ربيع زكى دسوقى	أسماء الطلاب
م/ احمد لؤى على حسن م/ مروه محمد حسين م/ مونيكا مفيد دوس م/ نهى مصطفى علاء الدين	المعاونون

The main objective of this project is to develop a web-enabled CMMI tool. This tool will cover both kinds of CMMI representations: continuous and stages, obtaining different process areas within each level of both representations. In addition, the tool will be tested on different applications whether software. Furthermore, other functionalities of this tool are to apply company CMMI appraisals, model-based CMMI, and mapping CMMI to any other application.

	القسم
IS	
E- portfolio :A genelc tool for assment in higher education	اسم المشروع
د. تيسير حسن عبدالحميد	المشرف
١- حمدي بدري عبد الشافعي على ٢- حسام أحمد عباس محمد ٣- حسام يحيى طه أحمد ٤- أيهاب عادل مهني ٥- الطيب حشمت سعد الدين مصطفى ٦- محمود عبد اللطيف محمد عيد	أسماء الطلاب
م/ احمد لؤى على حسن م/ مروه محمد حسين م/ مونيكا مفيد دوس م/ نهى مصطفى علاء الدين	المعاونون

نبذة عن المشروع

E-Portfolio has been applied in different institutions to assess the educational quality. It has also been useful for assessing performance of employees as well as students. Since we are moving into the high quality era, developing generic tools for E-portfolios can be very useful in different domains. The objective of this project is to develop an E-portfolio generic tool that can be used in different kinds of assessment, such as student work, staff performance, and employee's performance. The tool will depend mainly on building a classifier, performing data analysis, and deciding whether this institution can take a higher grade in quality unit or not moving towards accreditation. All material will be used from the Quality Assurance unit at the faculty.

	An E-Government :Towards a new generation with social networking
اسم المشروع	
المشرف	د. تيسير حسن عبدالحميد
أسماء الطلاب	١- مينا رفعت عزمي بطرس ٢- أنجى حشمت فخري ٣- جوزفين بولس يوسف ٤- روجينا مظهر افرايم بسطوروس ٥- ماجدة كرمى خلة بطرس ٦- نهاد كميل فهمي بباوى
المعاونون	م/ احمد لؤى على حسن م/ مروه محمد حسين م/ مونيكا مفيد دوس م/ نهى مصطفى علاء الدين

نبذة عن المشروع

E-government provides services that are very crucial to citizens, as payment of bills such as phone bills, water bills, or electricity bills. However, besides the services, social networks can provide an excellent way to have a friendly atmosphere between citizens and government. In this project, various issues of addressing social networks in e-government are discussed and implemented.

CS & IS	**القسم**
An Enterprise Management System with web-enabled platform and API	**اسم المشروع**
د. تيسير حسن عبدالحميد	**المشرف**
١- محمد صلاح أحمد على مخلوف ٢- إسراء أحمد محمد محمد ٣- علاء جمال برعى سيف طه (علوم حاسب) ٤- هبة عبد الرحيم رفاعى عبد الرحيم ٥- محمد حسن إبراهيم حسن	**أسماء الطلاب**
م/ احمد لؤى على حسن م/ مروه محمد حسين م/ مونيكا مفيد دوس م/ نهى مصطفى علاء الدين	**المعاونون**

نبذة عن المشروع

An Enterprise management system is highly required for managing Customer Relationship Management systems, Human Resources Management systems, and Collaborations tools. Such system must be highly interactive with different capabilities for the user of project management and converting different file formats online, and video management as well.

IS	**القسم**
An E-Tourism Management System	**اسم المشروع**
د. تيسير حسن عبدالحميد	**المشرف**
١- كريم صفوت عدلى جرجس **٢- بيشوى ناجى فخرى عطا** **٣- ماريا رشاد ارميا** **٤- هناء تامر عبد الملاك مسعود** **٥- مارى جرجس فهيم منقريوس** **٦- نرمين شحاته ملك**	**أسماء الطلاب**
م/ احمد لؤى على حسن **م/ مروه محمد حسين** **م/ مونيكا مفيد دوس** **م/ نهى مصطفى علاء الدين**	**المعاونون**

نبذة عن المشروع

E-Tourism is a very important aspect for nowadays because of the internet technology for tourists worldwide. Since Egypt is one of the most wonderful famous places it is necessary to develop E-tourism management systems to handle what a tourist would like to see when he decides to come to Egypt, providing various services for him.

القسم	IS & CS
اسم المشروع	**Game Development Using Microsoft's XNA Game Studio**
المشرف	د/ خالد فتحى حسين
أسماء الطلاب	١- هاله محمود مرعى ٢- أمانى على محمد ٣- نجوى شاذلى عبدالرحمن ٤- خلود محمد مجدى
المعاونون	م/ مصطفى ابو بكر عبدالمجيد

Developing a game is always more than simply coding. You'll need nice graphics and sound effects; you'll need to design the game levels…etc. The object of this game development project is to learn how you can create game using both Microsoft's XNA Game Studio and Visual Studio. This is a chance for students who've always enjoyed playing games to create their own game. This is the students' opportunity to build a full game from scratch!

القسم	**CS &IS & IT**
اسم المشروع	**Facial Animation Using Morphing Technique**
المشرف	**د/ خالد فتحى حسين**
أسماء الطلاب	١ – سمية محمد طه عثمان ٢ – سحر سليمان محمد ٣ – فاطمة محمد المهدى ٤ – محمود ناصر محمد عفيفى ٥ – عبدالرحمن محمود احمد
المعاونون	م/ مصطفى ابو بكر عبدالمجيد

Facial Animation has many applications such as entertainment, interactive games, human-computer interfaces, educational, low bandwidth teleconferencing, surgical facial planning, and virtual reality.

Computer facial animation follows two basic procedures: design a 3D facial mesh, and animate the 3D mesh in a controlled fashion to simulate facial actions. One way to animate the 3D mesh is using Morphing technique. Morphing is a special affect in motion pictures and animations that changes (or morphs) one model into another through a seamless transition.