No	Project	Description	Supervisor	Department	Team
1	**Network Management**	Enterprise mobile users depends mainly on using their mobile devices to access or send a very sensitive corporate data. These data should be protected against illegal access. One of the successful security measures is to use digital signature to guarantee message integrity and authenticity in an open network environment the student is required to understand the digital signature techniques especially the public-private key algorithms and design mobile interface that accepts the message and encrypts its contents before sending it to his corporate data management System.	أ.د/ حسنى محمد إبراهيم	IT	١- إبراهيم فهيم ضيف الله ٢- أمير رفعت رزق نان ٣- بيشوى البدرى بطرس ٤- رامز فرج سليمان يوسف ٥- وجية يعقوب سعدالله

٢	**Network Management application**	Network management is one of the important jobs of any network service provider. It is required to build a GUI application that can retrieve and displays in graphical form all network devices data . The GUI should display the network topology and display the status of each device in the standard colored Form.	أ.د/ حسنى محمد إبراهيم	IT	١- مينا لورنس يوسف بباوى ٢- ريمون جرجس ايوب جبرة ٣- ريمون بطرس مسعد بطرس ٤- نادى نبيل فتحى محروس ٥- سامى لويز حنا غالى ٦- مايكل اكرم بخيت سيدهم
3	**Digital Key signature using mobile application**	The wide spread use of the internet in different fields such as e- commerce, e-government service , bank transaction … etc . necessitates the use of digital means for identifying and verifying of the two parties taking part in this process. Digital signature utilizing public key is the most accepted method in this field. The student is required to study the infrastructure required for a certificate authority (CA) to do this job and implement the public key algorithm	أ.د/ حسنى محمد إبراهيم	IT	١- شريف محمد محمود احمد ٢--محمد محمد عبدالعليم محمد ٣- على محمد على حسن

		to satisfy the CA requirement.			
4	**Hotel Management system**	The students are requested to design, implement, and test a complete database system, including both desktop and web interfaces for hotel management. The system should facilitate the following tasks. 1. System administration: - Add, delete, and edit desktop user's information, including adding passwords with different permissions. - Edit room information (number, type, and prices). - Edit services (type, price and offers). - Issuing daily reports. 2. Desktop reservation facility including different types of rooms. 3. Web based reservation possibility. 4. Desktop occupation process including adding some extra services. 5. Adding room bills. 6. Issuing and printing the final room bills.	**أ.د/ مجدى مفيد دوس**		١- سعداوى كامل سعداوى ٢- خالد خلف عبدالعظيم ٣- توفيق محمد توفيق حسن ٤- احمد سيد احمد حسين ٥- سيد بسيونى محمد احمد ٦- روماني مطيع جوده جاد السيد ٧- عبير محمد محمود عبدالموجود ٨- عزه كمال ابوالمجد
٥	**Honey pots**	A honeypot is basically a server that for anyone interacting with it from the outside looks likes a regular internet service. Today there are Honeypot software products that imitate a wide range of internet protocols such as Http, Ftp, Telnet, IRC, P2P file sharing and many more. A Honeypot doesn't actually do anything actively to protect the network. Its value comes from identifying the various threats that run rampart around the Internet including worms, viruses & hackers. The advantage of a Honeypot are many they collect	**أ.د/ يوسف بسيونى مهدى**	IT&CS &IS	١- رضوى فاروق محمد احمد ٢- سارة محمد ابوالفضل احمد ٣- ريهام فتح الله الحضري ٤- سميرة محسن عاطف بيومى ٥- شيماء عمر محمد عمر

			small amounts of data as opposed to some logging mechanism that may log Giga bytes of data, a Honeypot collects only malicious activity and thus it easier and cheaper to analyze this data. Apart from the mentioned use of collecting data, which could later be used to research new methods and tools for attacking a network, Honeypots can also be used in a more active way for protecting a network. A Honeypot has three ways of actively protecting a network: prevention, detection &response and counter-attack.			
6	**CD Writer**		The CD Writer is an application that can be used to create ISO9660/ Audio file system images and burns them on CD-R(W).	**أ.د/ يوسف بسيونى مهدى**	IT&CS &IS	١- هند عبدالمنعم رياض ٢- وفاء محمد مصطفى محمد ٣- أسماء ابراهيم محمد فرغلى
7	**Location Aware Application Infrastructure Based**		Since the dawn of time man has always asked himself "Where am I?", once he received an answer the following question was usually "Great, So now what?". As technology advances we find new and better ways to find out where we are, most people are familiar with the Global Positioning System (GPS), this system consisting of satellites orbiting the earth sending a constant stream of data, is probably the most accurate location system allowing to pinpoint a users location up to a few meters. But the GPS system has a few drawbacks, for one it can only be used out doors, as the user needs a line of site to the satellites, another drawback is the fact the users need to buy and install GPS receivers if they want to use the system. In this project you have to create a location system over 802.11 (WiFi) wireless networks for positioning within a closed space. The advantages of using such a network are obvious, for one, the network already exists and therefore the area in which we want to locate our users is most probably	**أ.د/ يوسف بسيونى مهدى**	IT&CS &IS	١- ريهام محمود حسن بربرى ٢- محاسن شحاتة ابراهيم احمد ٣- نهاد عبدالرازق محمد ٤- فاطمة الزهراء صابر محمود ٥- حسناء فضل محمد منصور ٦- هشام شحاته جلال السيد ٧- مينا وليم بباوى مسعود ٨- مينا عادل وهبه ٩- ميلاد نعيم حناوى بخيت ١٠- فيكتور فلتس عبده عبيد ١١- غالى نبيه زكى غالى ١٢- سيمون كرمى هابيل جرجس ١٣- بيشوى ميشيل فوكية القمص ١٤- بيتر وديد ميخائيل اسكندر

		covered by the network. Secondly, the users already have all the equipment needed since we are basing it on the existing wireless network. And lastly, we can use the network in order to transfer application data.			
8	**Smart Door Access System**	This project solves the problem of entrance control to facilities such as the Computer Networks laboratory. Each door in the lab is controlled via an electronically controlled lock that connects to a computer 's (the client) LPT interface. The proposed system manages card readers connected to a client that sends the card IDs to the server, and opens the doors for registered students. The server hold the lists of doors and students. The system supports multiple doors, multiple students and student groups.	**أ.د/ يوسف بسيونى مهدى**	IT&CS &IS	١- ماريانا منير قلادة ٢- ناهد بخيت فؤاد محمود ٣- عبدالراضى العجمى عبدالراضى ٤- على حسين احمد بخيت ٥- ايمان عبداللاه عبدالمجيد ٦- محسن سعدان محمد حسن ٧- حمودة احمد عثمان احمد ٨- محمد نجار محمد احمد ٩- حسام الدين حسن على محمد
9	**Video café`**	Nowadays, one can see a great amount of video blogs around the internet (YouTube, Metacafe etc). The main functionality of these video blogs is to allow people from all around the world to share their videos among others. Videocafe is another video blog which uses the latest technologies (such as Ajax) to provide the best viewing experience out there. Videocafe 's Functionality 1. Watch Videos 2. Register to Videocafe 3. Uploading a video 4. Tag marking 5. Share video 6. Rate a video 7. Categories 8. Search 9. "More from the same creator" 10. Related videos	**أ.د/ يوسف بسيونى مهدى**	IT&CS &IS	١- سمية احمد محمد احمد ٢- سوزان عابدين عبدالرحيم ٣- ساره عبدالقادر الزهار سويلم ٤- نورا شعبان محمد محمد ٥- هايدى سيد سويفى عثمان ٦- عزه حمزة ابوالمعاطى بدراوى

		11. Ease of use 12. Language 13. Performance requirements			
10	**Building a Content Management System**	A content management system is a system that manages the content components of a Web site. A content management system (CMS) is a system made up of a minimum of three applications: content management, metacontent management, and content delivery. Their purpose is to manage the full life cycle of content components and metacontent by way of a workflow in a repository, with the goal of dynamically displaying content in a user-friendly fashion on a Web site.	**أ.د/ يوسف بسيوني مهدي**	IT&CS &IS	١-محمود عبدالصبور احمد ٢-احمد محمد جمال الدين ٣-مصطفى حسن محمد حسن ٤-محمود محمد عطية ٥-محمود حسنى ضاهر حسن ٦-محمد صلاح محمد ابوالدهب ٧-أيريني محروس ميخائيل ٨-أمانى هلال محمد شاهين ٩-أمل احمد خليفة الحشاش ١٠-أمال ابراهيم عبدالمنعم ١١- كرستينا بطرس برنابه بطرس
11	**A web- based tool integrating biological data**	Data integration in biology that integrates multiple biological databases using ontology driven based to help biologist to search about his/her biological data.	**د/ تيسير حسن عبدالحميد**	IS	١- احمد عباس هلالى ٢- احمد عيد احمد ابراهيم ٣- محمد سعيد محمد سعيد ٤- محمد اسماعيل شحاته الشافعى ٥- محمود حافظ ابو الحمد
12	**Developing and Analysing Online Social Network for Bioinformatics Specialists**	Social network attracted millions of users , there are hundreds of social networks sites , with various technologies supporting a wide range of interests , practices, political views and activities.	**د/ تيسير حسن عبدالحميد**	IS	١- احمد محمد عمر ٢- ميسره عبدالحميد يوسف ٣- احمد مصطفى خليفة ٤- مؤمن عبدالمحسن كلمل ٥- محمد المتولى المتولى خليفة

		Some sites cater to diverse audiences, while others attract people based on common language or shared religious or nationality – based identities. The purpose of " SocialBio .com" is to connect to specialists in bioinformatics' who simply have the same interests , to simplify their communication , and to help them stay in touch.			
13	**Developing an online social network for high Blood pressure patients**	World goes forwered day after day and technology now plays a vital role in all fields in our life. One of the most important fields is the medical field , where we can obviously notice that technology has strongly entered this field . So, We used these technologies to help patients get any information they need in a fast and easy way , and here comes the role of the internet . This site is an application of social	**د/ تيسير حسن عبدالحميد**	IS	١- مى احمد محمود عثمان ٢- مها احمد سيد عبدالحافظ ٣- وفاء عبدالواحد شعبان ٤- هند محمد محمد نعمان

		network that helps patients who suffer from high blood pressure meet other people with the same condition , share their thoughts and exchange experiences. This site can help these patients in different ways. It presents advices and information on blood pressure. Patients can ask any question they need and receive answers. Patients can also keep track on the latest equipment released , that are used to measure blood pressure.		IS	
14	**Building an online system for Evaluating Quality of Online Education**	Evaluation of quality online learning project concerns with e-learning, learning management systems LMS and quality management to evalate virtually the basic elements of learning process that contains onlion courses, staff members and students. I.e. virtually means online and physically means traditional learning process using black or white board, projectors or any other	د/ تيسير حسن عبدالحميد	IS	١- ابراهيم محمود سالم منصور ٢- احمد محمد غريب بغدادى ٣- محمد فاروق احمد حسين ٤- محمود فخرى محمد ابراهيم

		learning equipment. The main goal of this project is to make good use of Internet evolution to provide teaching outside of the campus of the university. Astsem that is not fully evaluated could potentially be detrimental to the students learning.			
		Evaluation of LMS has three dimensions focusing on courses, students and staff members . The evaluation of courses has finished perfectly by evaluating courses content (syllabus , lectures , assignments, quizzes, exams) . Courses may differ from each other in their contents so they may have different rating. The evaluation of students' activities can be achieved according to when a student logs in, what courses he enters, does he participate discussion and many other activities. The evaluation of staff members can be reached according to log in time, how many times he participates with his course students, how many students in the discussion forum and exams date.			

15	**Campus In – Houes Reservation System**		**د/ تيسير حسن عبدالحميد**	IS	١- احمد خلف احمد ٢- طارق محمد محمد دياب ٣- عمر محمد مصطفى ٤- محمد احمد عزالدين ٥- هانى آدم محمود آدم ٦- يحيى جابر على سيد
16	**An E-mail applicatim with automatic web to phone and intelligent message summarizatim servicies**		**أ.د/ مرغنى حسن محمد**	CS	١- محمود جمال جابر ٢- احمد رفيق عباس ٣- علاء عبدالفتاح سليمان ٤- احمد زكريا عبدالله ٥- احمد محمود محمد عبدالعليم ٦- هيثم عبدالغنى عبدالنبى
17	**City Medical Map**	The site can view the map of Assiut that when user enter to the site determine the doctor he want and show it's location in the map and the same thing for hospitals. Administrator can add , delete , update and search about every thing in our site .	**د/عبد الرحمن حيدر**	CS	١- رحاب صلاح الدين عبد الحميد ٢- أسماء فتحى حسن عبد البادرى ٣- شيماء أحمد حسن صالح ٤- ميرفت أش الله أحمد ٥- هبه أحمد عب الرحمن ٦- فاطمة الزهراء ناصر ٧- دعاء عبد الل عبد الباسط
18	**Progect name: City and traffic Simulator**	This project is about building a GIS web based service site , to determine locations, information and answers the questions of users such as: " How can I get there from here? " , " where is the International bank ? " , etc. This project introduce Assuit Routing as a GIS web based application. The project can be applied to any location we	**د/عبد الرحمن حيدر**	CS	١- أحمد جلال عبد الصادق ٢-اسحاق نادى ببباوى رزق الله ٣-جرجس نص عبده عبد الملاك ٤-شادى نسيم فهمى ٥-انجى ثروت جاد ٦-مريم عماد فتحى نص

		need to make a simulations.			
19	**Bioin formatics cluster**	In our Bio-cluster project we are providing a method for prediction the protein 3D structure form its sequence using the availability and high performance of the parallel programming represented in cluster computation, through these following steps: 1- Building the Cluster 2- Setting up the parallelized Bioinformatics tools 3- Chose a suitable protein sequence database for our project objectives 4- Beginning the protein 3D structure prediction as the following: - Retrieve the similar sequences to the input protein sequence for the database - Compare between the retrieved similar sequences and the input protein to get out with the more similar protein sequence to the input one - Retrieve the output protein 3D structure for the official PDB website database - Passing the protein PDB file to the protein 3D structure viewer to draw its 3D structure.	**د/عبد الرحمن حيدر**	CS	١-محمود سيد أحمد السيد ٢- هانى رشوان أحمد رشوان ٣- أيمن ابراهيم السيد ٤- أحمد يسرى أحمد ابراهيم

20	**Short compuer animation on clip**	* Cloth Simulation and virtual Reality :- - Cloth simulation with visual C++. - Cloth simulation with 3ds Max. - Short clip animation.	**د/ خالد فتحى حسين**		١- اسراء رفعت عبدالمعطى ٢- فاطمة الزهراء محمد محمد ٣- ايمان جلال أحمد عبد الرحيم ٤-بسمة روبى عبد العال