جامعة الإمام عبدالرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
COMMUNITY COLLEGE كلية المجتمع

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THE FIRST

Graduation Project Exhibition of the **Computing Department**
Community College - Imam Abdulrahman Bin Faisal University

WELCOME

Online Blood Bank

Roaa Alharbi , Shahd Aljalal , Manal Alotaibi, Raghad Alshabibi, Maram Alhamdhi
Supervised by Dr.Lobna Mohsen Amouri

"Online Blood Bank" is an online blood management information system that aims to assist in the management of blood donor records and control the donations of blood based on the beneficiary needs. The main objective of the project is to create an online blood donation management information system to connect and link all the beneficiaries on one platform using modern technology. It enables monitoring the results and performance of the blood donation activity. It also provides reports of the challenges the management face. The implementation of the OBB website is based on information technology (IT). Now relevant and timely blood donation reports can easily be generated using that technology.

E-Daily Course Evaluation System

Aishah Hesham , Dana Alnajem ,Jawaher Salem , Rawabi AlOtaibi, Nouf Alqhtani, Nouf Alhindas
Supervised by: Mrs. Karima Makhluf

One of the most efficient techniques used to assess the quality and the performance of the students' learning process is the survey. Thus, the idea of our project consists of building a usable and an attractive system to allow the students to assess the quality of each lecture given to them during the whole semester. Besides, the instructor can visualise the results of every survey filled by his (her) students. By implementing this system, the students will express themselves objectively in order to improve their understanding of the courses and to improve the communication with their teachers.

Fingerprint Attendance System

Sumayya Aalthunayyan , Hend Alkaabi , Ghoson Alkaabi , Razan Alkhaldi, Raghad Almajali, Nada Almasaad
Supervised by: Mrs. Karima Makhluf

Students' attendance in Imam Abdulrahman Bin Faisal University is compulsory. Thus, a usable and an accurate attendance system in colleges is mandatory. Our project consists of building a system for managing students' attendance at the Community College using fingerprint reading machine. Our system will allow the instructors to view the details of the students' attendance for each lecture, and then download the absences excuses files uploaded by the students on the system. By implementing this system, the attendance management system in our college will be more accurate, efficient and usable.

Muse

Alaa Al Yahri , Alaa Al Sanea , Areej Manda , Rawan Al Dossary
Supervised by: Mrs. Nada Zouhair Chaabane

Muse (Inspiration) is a website where artists around the world can display a collection of their artworks for sale or auction. Muse is a venue for artists to communicate and increase their opportunities to spread their arts around the world. The website is a destination for artists to sell their artwork, and increases the chance for artists to spread their art and promote themselves. Also, it helps artists from walks of life to improve their skills and creativity. Moreover, the system enhances the interaction on social media and creates a society for artists to communicate.

The Roving Book

Saja AlFozan , Fatemah AlHammami , Shahad AlQahtani , Fatimah AlMahri , Wafa AlHareqi
Supervised by: Mrs. Nada Zouhair Chaabane

"The Roving Book" is a dynamic website for borrowing and donating books. It provides numerous services for the community to share books easily. We chose the name of the website "THE ROVING BOOK " to match our project idea of a book travelling and moving from one customer to another. Visitors can register as a donator or as a beneficiary. After registration, they can borrow and add books, in addition to other services such as book delivery, reservation and reviews. The administrator will be assigned to manage all customer services and inquires.

Casa Fix

Maryam Aldossary, Rawan Alyami , Ashwaq Albluwi
Supervised by: Dr.Nahla El_Haggar

Every household needs a regular maintenance, but it is not easy to have the essential skills and experience for this work. Casa Fix is a website that provides people with a variety of services for house maintenance. You don't need to have any tools or handymen's skills in order to maintain your house, furniture, carpentry, plumbing, painting work, and even electricity. One of the main reasons behind the creation of this website is to help you maintain your house as a danger free zone, while you're able to spend your time with any activity of your interest, or focusing on your own job instead of wasting your time and effort trying to fix something that you can easily order through our website which will provide you with good and fast services.

Graduation Platform

Maisa alghamdi, Lujain alosaimi, Ghada alsadaan, maryam alqahtani
Supervised by: Dr.Nahla El_Haggar

one of the common issues among graduate students is the unemployment and the lack of the graduates' experience on how to market themselves and identify their skills to target suitable jobs for their future career. Our website enables job seeking graduates to develop their skills by participating in courses and workshops, to exchange their experiences and prepare themselves for professional career. This website also provides a registration service for companies to illustrate presentations of the type of courses and conferences to communicate with the graduates and train them on how to improve their skills. Our goal is in line with the vision of 2030 significantly by filling the communication gap between the newly graduate students and employers in which we make it easy to get an interview, find a job, or train graduates. Also, it encourages graduates to work and raise the awareness of the community about the importance of trainings and workshops. Also, it will helps companies to communicate with graduates easily and effectively.

Rental Shop

Anhgam Alzahrani, Nouf Alqahtani, Amani Almutairi, Rawani Alshammari, Raghad Alanzi
Supervised by: Dr.Nahla El_Haggar

Most people have many products that they no longer need. Thus, we wanted to provide a new service to the Saudi community to serve people with limited income, or people who wanted to invest, but lack the resources. Our website is built for helping those people to rent selected items they choose for a limited time span with low prices instead of buying the same items with expensive prices. "Rental Shop" allows people to take advantage of their unwanted stuff to make profit. On the other hand, this project will help the owners to limit accumulation of unused materials, allows the renter to invest, allows the customer to save money and practice the principle of cooperation among individuals in the community.

Educational and Fun

Eman Alawi , Hamida AL-Jdher ,Reem Alqahtani, Yasmeen AL mohanna
Supervised by: Mrs. Rabab Ali Abumallaoh

Early childhood development is highly important because it sets the foundation for a lifelong learning behavior. Healthy childhood helps to develop the child's personality, determines their characteristics, and improves abilities. The importance of this stage motivated us to develop this program to teach the child the basics of Arabic language in a simple learning way, in an interactive easy-to- use design. The lack of educational programs in Arabic language urged us to create this project to help children to simply gain learning. Children spend a lot of time on computers, so why not invest it in a useful website where they effortlessly can learn and educate themselves in a fun and amusing way.
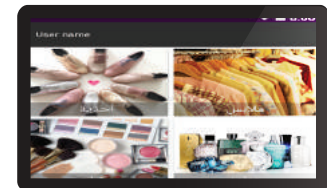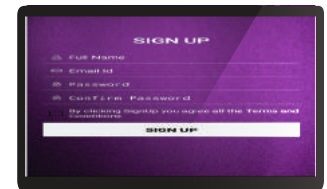

My Discount

, Afnan Alwabrah ,Sara Ibrahim Absi ,Zainab Almubarak ,Ahlam Almahasnah
Maryam Altarouti, Azhar Alsadiq   **Supervised by:** Dr.Nahla El_Haggar

Customers are always looking for the best deals, discounts and promotions whenever they want to shop. but it's time consuming to search for the next best offer and checking out the latest deals. Service providers seek to present their products and boost their sales effectively. Developing an application that visibly and easily presents offers & deals will solve the problem.
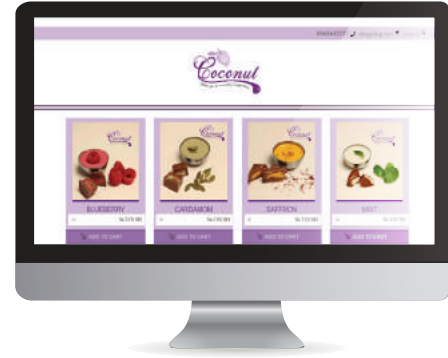
That motivated us to develop a mobile application that offers users the best deals which match their interest, and motivate them to proceed to the purchasing process. As there is a huge shortage of such applications in the Saudi market, and the Saudi customer likes to find offers that save time and money which will consequently increase service providers' profits.

Online Sweet shop system

Ameera Ali Almojab ,Reem Jaffar alkhulifa ,Khadijah Abdelmohsen Al darwish
Supervised by: Mrs. Rabab Ali Abumallaoh

Most shops face a problem in arranging orders, storing bills and displaying prices for customers. In some cases, the location of the commercial site is different, and it is more difficult for people to reach it, also the few branches of the commercial site cause overcrowding. To solve this problem, we will create a website to help customers to order online. The project will transform sweet shops' system from manual to computerized, and subsequently develop as a website This will be more accurate, safe, and able to solve problems and achieve goals. The Sweet Shops Electronic System aims to provide services to vendors and customers to facilitate and smooth communication between both parties.

RED BANK

Taghreed Albishi,Tahani Bin Amer, Rima Alenzi, Atheer Alqahtani, Maryam AlDa'ajani, Noor Al Shibr
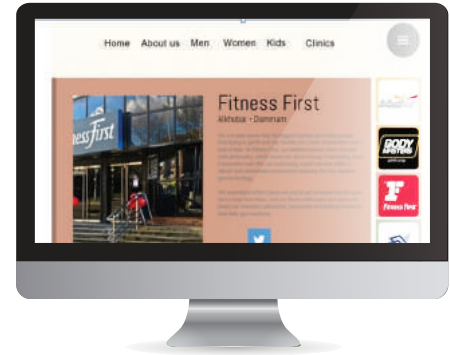**Supervised by:** Mrs. Rubina Khan

The blood bank is one of the most important sections of the Laboratory. Especially when a patient is in Emergency and in need of a rare blood type. The objective of the website is to helping patients by delivering blood on time through our Website. This project is aimed to develop an online Blood Donation Information System. The Blood Donation Agent is to create an e-Information about the donor and organization that are related to donating the blood. Through this application any person or organization who is interested in donating the blood can register themselves.

WE CARE COMMUNITY

Amal sameer ,Bshayer Slman, Fatima Alhajri , Nour Alghamdi, Ebtihal Alqarny
Supervised by: Mrs.Sajithunisa Hussain

We Care Community system provides the contact details, location, phone numbers and website of specific centers including Gyms, beauty salons, nurseries, and clinics. The website covers the centers in Dammam and Khobar provinces, where users around these areas can find any location easily. We also have provided details for every location, recent updates, offers, and promotions in any center. Our website provides feedback and reviews of these centers. It also helps in booking in advance for every service. The mission of our project is to serve people in Dammam and Khobar Community, and facilitate finding these centers easily.

Animal Pet Planet

Jana Al-amoudi , Haneen Al-ghamdi, Lama Al-ahmadi, Maryam Al-subaie, Asma Al-haidan
Supervised by: Dr.Sana Ali Jawarneh

Our Project "PET PLANET "is about creating a website that makes the process of selling and buying a pet such as cats, birds, fish and turtles easier and accessible. We have displayed in our online store and website an adoption section for those who are interested in adopting a pet. Here are some additional features that benefit our pets and pet owner's community. It helps pet owners to find variety of healthy food and hygiene products for their pets. Moreover, it offers tips and tricks on how to handle emergency. Our website also arranges appointments for medical consultations in certain centers and clinics. It is the best platform to serve animals and the community as well.

IAUNOVATION SYSTEM

Shoog Albutii , Noura Almohareb, Norah Aldawlah, Fatima Alansari, Muneerah Alnowfel
Supervised by: Mrs.Zainab AlMagbul

Our children are our future. Our project aims to shed the light on part of the daily lives of children that parents may not see or do not know about. School break time, a reoccurring problem here is that the parents do not know what their children eat during break time, whether it's healthy or not, If their children eat their meal or only eat sugar and sweets. In addition, how food is sold at schools, whether it's organized or too much jostling around the cafeteria. To solve these problems, we proposed to design website that allows parents to choose the meals in advance for children to enjoy it during break time at school. These meals are offered by various food providers to assure the varieties among food types. To support the idea of our project, we have created an electronic questionnaire to survey the largest number of opinions. Our website is expected to solve many problems such as: obesity, diseases, waste of time, jostling, injuries and so on. We hope through our website that we do the role of technology and use it to solve the problems we have faced for many years and promote a new era of electronic services to support 2030 vision of the Kingdom of Saudi Arabia.

A women Drive Guideline System in Saudi Arabia

Nora Alhussain-Rawan Alharbi-Ohood Alqahtani -Razan Alhalafi-Mai Almaznaei -Amal Aljuaithen-Hajar Alghamdi
Supervised by: Dr. Zeyad Alfawaer

During this project, we have taken a step to develop and facilitate women driving in Saudi Arabia. Planning was the first step in the system; we discussed and chose this topic because it's a new trend these days and an exciting subject. We collected the information and basic driving laws for Saudi Arabia to have an idea for the traffic violations, and share them with some instructions for female drivers as this will be applied within a few months, and to prepare females to drive, we prepared a general driving laws exam to help them understand more about these laws. The website has been designed and the exam has been posted at the website. Now, website visitors can create their own accounts to log in and test their driving laws' recognition through the exam, then they can get their scores to see how they can develop their knowledge before heading to the roads behind the wheels.

BEND THE TREND

Afnan Almakayeel, Dana Alnaim, Amani Almansor, Nora Alhuzaim, Sara Al-sarhan ,Ahikha Al-qahtani
Supervised by: Dr. Lobna Mohsen Amouri

Our website helps user finding a solution for online clothing shop which allows clients to design their own clothes and deliver them to the users worldwide without the need to go to a tailor shop. It includes a "self- drawing feature" that enables each client to draw and customize their own design, include details, add preferences and choose the materials and the style that best suit them, to feel individually different. Then the tailoring team will start working on creating the design based on the drawings and the materials chosen from the client. The Object-Oriented Approach was used to design the system. Web Based Design tools were used to develop the website. The website showed appropriate tools for fashion designs, cloth booking and shopping in fast way using modern technologies. At the end of the designing process; the clothes seems to be much easier when we used an online website.

Art Knowledge System

Reem Alharthi , Shykah Almahri, Reem Almoaibed,Bayan Alqarni, Maryam Aassiri
Supervised by: Mrs. Zainab Almugbel

Art and beauty are related to each other. Most modern societies have a strong connection to arts. Currently, we can notice that there is higher interest in art in our society. This can be seen on pebbles, for instance. Art Knowledge system aims to encourage drawing among our community. The problem is that there is no specialized website that could be used by people to get introduced to artists, their work, and communicate with each other. We proposed a website to facilitate the connection and interaction among people who are interested in art and drawing. Our website offers many art related services, such as drawing learning, selling drawing tools, and paintings. The artists will have one more advantage of our website, it will display the available public locations where he/she is allowed to draw. We hope that our website will support both promoting art and amateur artists in Saudi Arabia.

IbnKhaldon Plaza Geographical Guide

Ghada , Sara, Sundos & Fatima
Supervised by: Dr. Asma Ibrahim

Many people when they want to buy anything they search about the quality, price, and brand. In many cases malls and markets are huge with many floors, which confuses customers to find a certain place easily. To solve this problem, we have developed an application to help customers finding shops, restaurants or stores within the mall effortlessly. This application will help reducing time and effort in guiding its users to different shopping stores in "Ibn Khaldun Plaza"

In addition, the application will display store ratings and categories such as (women's clothing, men's clothing and children's clothing, restaurants, coffee shops, and other venues) and the available in those categories to make it easier for the visitor to see upcoming store opening events.

Smart Market

Lama alshaifan, Sukianah Alzayer ,   Rana hashil , Alaa swileh , Sara alharbi
Supervised by: Mrs. Zainab Almugbel

The technology facilitates online shopping for different products including food. The current food selling websites are not clear in terms of product images, date of production, and expiry. In addition, they do not organize food in categories. We propose a website called "Smart Market" that aims at offering different categories of food products that might be not easily found locally, such as the imported food and other food for people with allergies. This website is a tool for interaction between customers and suppliers. Many services could be accomplished, such as adding a product, delete and update products for supplier. In our website we hope to serve the customer well and to draw the customer's attention to our services. We are seeking the clarity of the website and the quick delivery for the customer offers.

THANK YOU