جدول توزيع مشاريع المرحلة الرابعة على الطلبة لقسم الحاسوب للدراسة الصباحية للعام الدراسي ٢٠٢٠-٢٠٢١

الملخص	اسماء الطلبة	عنوان المشروع	اسم التدريسي
Abstract: The COVID-19 pandemic has underscored the critical need for effective and efficient monitoring and management systems to track the spread of the virus and safeguard public health. In response to this	ايمن سعد ، علي جبار	COVID19 Realtime Monitor	م. علاء عبد الحسين دليح
material The advent of the Internet of Things (IoT) has ushered in an era of unprecedented connectivity and automation, revolutionizing the way we interact with our surroundings. In this context, the "Arduino-Based IoT Home Control System" emerges as a groundbreaking	ازهر ضيف . علي مطيلب ، علي حين علي	Arduino Internet of Things ,Home control	م. علاء عبد الحسين دليح
The "Gender and Age Detection System" represents a significant advancement in the field of computer vision and artificial intelligence (AI), offering a powerful and accurate solution for automatically determining the gender and age of individuals from images and video streams. This abstract provides an overview of the system's key components, capabilities, and its potential impact across various domains.	كرار ثائر، صادق جابر، خالد جليل	Gender and Age detection system	م.م زين العابدين علي رحيم
Abstract: The "Online Examination and Evaluation System" is a transformative educational technology solution designed to revolutionize the assessment and evaluation processes in academic institutions. In an era characterized by digital transformation and remote learning, this system offers a comprehensive platform for conducting, managing, and evaluating examinations and assessments securely and efficiently. This abstract provides an overview of the system's key components, functionalities, and its potential to reshape the landscape of education.	أحمد خالد، جمال فيصل	Online examination and evaluation system.	م.م زين العابدين علي رحيم
Abstract: Age estimation from facial images is a fascinating and challenging problem with a wide range of applications, spanning from biometrics and forensic science to personalized marketing and healthcare. This abstract presents an overview of the "Age Estimation of Human Face Images" system, highlighting its significance, methodologies, and potential impact on various domains. The ability to estimate a person's age from a facial image has garnered increasing interest due to its relevance in today's data-driven world. This system leverages state-of-the-art deep learning techniques and extensive datasets to provide accurate and efficient age predictions.	علي حميد ،مرتضى صالح	Estimation the age of human face image	م. م زمن عبود رمضان
Abstract: The "Hotel Management System" represents a pivotal innovation in the hospitality industry, offering a comprehensive and efficient solution for hotels and accommodation providers to streamline their operations, enhance guest experiences, and optimize business performance. This abstract provides an overview of the system's core components, functionalities, and its potential to redefine the landscape of hotel management. In an era characterized by ever-increasing customer expectations and rapid digital transformation, the Hotel Management System serves as a strategic tool for hotels to adapt and thrive. It integrates cutting-edge technology to simplify and automate a wide array of hotel functions, from reservations and check-ins to housekeeping and billing.	زهراء جاسم، علي عامر، انفال طالب	Hotel managment system	م. م زمن عبود رمضان
Abstract: Image deblurring, the process of recovering sharp and clear images from blurred or distorted versions, is a fundamental challenge in the field of computer vision and image processing. The Blind Deconvolution Algorithm discussed in this abstract offers an innovative and effective approach to address this challenge. By removing the effects of blurring from images without prior knowledge of the blur kernel, this algorithm holds great promise for various applications across multiple industries. The Blind Deconvolution Algorithm leverages advanced mathematical techniques and optimization strategies to estimate both the latent sharp image and the blur kernel simultaneously. This approach distinguishes it from traditional deconvolution methods, which often require knowledge of the blur kernel's characteristics.	احمد كامل ، غافل سطيح	Deblurring Images Using thr Blind Deconvolution Algorithm	م.م مروه محد عبود
Abstract: The generation of three-dimensional (3D) image data from a pair of two-dimensional (2D) images, often referred to as stereo reconstruction or 3D stereo vision, is a fundamental problem in computer vision with applications ranging from robotics and augmented reality to medical imaging and archaeology. This abstract provides an overview of the techniques and methodologies involved in the process of transforming two 2D images into a single, coherent 3D representation. The process begins with the acquisition of a stereo pair, typically taken from slightly different viewpoints, simulating the way human vision perceives depth through binocular vision. The challenge lies in extracting accurate depth information from these 2D images and creating a corresponding 3D model.	منى علي ، فاطمة عباس	Generation of 3d image data from a pair of 2d images	م.م مروه محد عبود

Abstract: The "Electronic Clearance System for Wasit University Students" represents a pivotal advancement in the realm of higher education administration and student services. This abstract provides an overview of the system's core components, functionalities, and its potential to streamline and enhance the clearance process for students at Wasit University, reflecting a commitment to efficiency and student-centric services.	اية جليل ،ثريا جبر	Electronic clearance system for wasit University students	م سيف علي عبد الرضا
Abstract: The "Smart Car Parking System" represents a groundbreaking innovation in urban infrastructure, addressing the growing challenges associated with parking in crowded cities. This abstract provides an overview of the system's core components, functionalities, and its potential to revolutionize the parking experience, reduce congestion, and enhance urban mobility.	دعاء خليل، مهدي قيس ، هند خالد	Smart car Parking System	م سيف علي عبد الرضا
Abstract: The "Smart Gate for Wasit University" represents a cutting-edge innovation in campus access and security management, offering a comprehensive solution to enhance the safety, efficiency, and convenience of access control within the university campus. This abstract provides an overview of the system's core components, functionalities, and its potential to redefine the access experience for students, staff, and visitors. In an era characterized by technological advancement and the imperative for robust security measures, the Smart Gate system has been developed to cater to the unique needs of a modern educational institution like Wasit University	افراح شاكر، فاطمة حسين ، حيدر نصيف	Smart gate for wasit university	م سيف علي عبد الرضا
Abstract: The "Students Attendance Management System by Using Barcode" is a technologically advanced solution designed to streamline and enhance the process of recording and managing student attendance in educational institutions. This system harnesses the power of barcode technology to provide an efficient and accurate means of tracking student attendance, reducing manual data entry errors, and promoting transparency in academic institutions. Traditional attendance-taking methods often rely on manual processes, which are prone to errors and time-consuming. The proposed system addresses these challenges by introducing a barcode-based approach. Each student is assigned a unique barcode that contains their identification information. Faculty members and staff utilize barcode scanners or mobile applications to scan these barcodes during class sessions, instantly recording attendance data in a centralized database.	مرتضى صالح مهدي ،مظاهر عبد الزهرة	Students Attendance Management System by using barcode	م.م مهدي خلف منشد
Abstract: In recent years, there has been a growing interest in developing cost-effective and user-friendly healthcare devices for monitoring vital signs. This study focuses on the implementation of a Heartbeat Counter Device utilizing Arduino, a widely used microcontroller platform. The proposed device aims to accurately measure and display an individual's heart rate in real-time.	فاتن عامر ،فاطمة داوود ،فاطمة حميد	Implementation of heartbeats counter device using Arduino	م.م مهدي خلف منشد
Abstract: In educational institutions, efficiently managing and organizing student information is crucial for smooth academic operations. This study presents the design and implementation of a comprehensive system tailored for managing master sheet data of students pursuing advanced education. The system is engineered to centralize, store, and process student information, providing educators and administrators with an efficient tool to track academic progress, performance, and administrative records.	علي حسين، مهند محمود	Master sheet	م.م حسن جبار بدر
Abstract: This paper presents the conceptualization and design of a cutting-edge Teller Bank System, aimed at revolutionizing banking operations. The system emphasizes efficiency, security, and customer satisfaction, seeking to streamline teller transactions, enhance data accuracy, and improve overall customer experience within a bank branch.	زهراء كريم، هديل محسن	Teller Bank	م.م حسن جبار بدر
Abstract: This paper introduces a comprehensive Pharmacy Store Management System tailored to enhance operational efficiency and customer service in pharmaceutical retail. The system, aimed at modernizing traditional pharmacy operations, focuses on inventory management, sales tracking, prescription handling, and customer engagement within a pharmaceutical store.	حيدر داخل، كرار جابر	Pharma store System	م.م.منار بشار مرتضى
Abstract: This paper introduces an Advanced Image Processing System designed to enhance visual analysis and interpretation of digital images across various domains. The system employs state-of-the-art image processing techniques, algorithms, and machine learning models to improve image quality, detect features, and extract meaningful information for diverse applications.	احمد عبد الرضا ،عباس حكيم ، مطيع جبار	Image processing	أ.م.د. اسراء صالح حسون

Abstract: This paper presents the design and implementation of a comprehensive Web-based Online Library System, aimed at revolutionizing the way libraries manage and provide access to educational resources. The system integrates modern web technologies, database management, and user-friendly interfaces to offer an efficient and interactive platform for both library staff and users.	عهد حسين، براء شهاب	web-based Online Library System	م.م.الياس خضير يلوي
Abstract: This paper introduces a comprehensive Online Examination Management System designed to streamline and optimize the examination process in an online educational environment. The system employs modern web technologies, secure authentication, and efficient management features to ensure a smooth and reliable online examination experience for both educators and students.	ضياء سمير ،عماد عبد الحمزة	mangement system for online examtion	م.م.الياس خضير يلوي
Abstract: This paper presents the design and implementation of a robust Online Examination System tailored to facilitate secure and efficient assessment processes in a digital learning environment. The system leverages modern web technologies, comprehensive security measures, and user-friendly interfaces to provide a seamless online examination experience for both educators and students.	محمد عباس، بنين محمد	online examination	م.م عبد الهادي ناظم
Abstract: In educational institutions, efficiently managing and organizing student information is crucial for smooth academic operations. This study presents the design and implementation of a comprehensive system tailored for managing master sheet data of students pursuing advanced education. The system is engineered to centralize, store, and process student information, providing educators and administrators with an efficient tool to track academic progress, performance, and administrative records.	منتظر محمد، كرار علي ، نوره عبيد	Design and Implementation Database System for a Postgraduate Students of Education College for Pure Sciences- Wasit University	ا.م.د نصير علي حسين
Abstract: This paper presents the conceptualization and development of GradConnect, a specialized social networking platform designed for graduate students. With the goal of fostering a collaborative and supportive community, GradConnect integrates features tailored to	علي صاحب ،حسن خضير ، موسى كاظم	Social Website For Graduate Students	ا.م.د نصير علي حسين