قائمة مشاريع التخرج والابتكار:

Semester	Project Title	Supervisor	Abstract
Second Semester	FreshLens: Food Quality Classification	Dr. Bilal Hani Hawashin	Our project provides a solution for the problem of food quality assessment using **Deep Learning** by analyzing images of the food. The application can classify products as fresh or unfit for consumption. We aim to develop an app that allows users to upload images and receive instant results regarding the quality of the food.
	EyeAI: Eye Disease Classification		A software technology designed to classify retinal images captured by radiology technicians without an initial review by a doctor. The system can issue a prescription for the patient, which can be obtained from pharmacies, or determine if a surgical procedure is needed. The device also assigns a predetermined provisional date for the surgery.
	Smart Blind Assistant System		A smartphone application designed to assist visually impaired and blind individuals in navigating and understanding their surroundings more effectively using artificial intelligence technologies. The app analyzes what the camera captures and then converts the information into audible voice descriptions.
	Artificial Recycling System		This project aims to develop a smart system for sorting household waste using a trash bin that automatically separates waste into color-coded bags according to type, such as plastics, metals, food waste, and unsorted garbage. When the bags are transferred to public containers on the streets, the container reads the bag colors and automatically directs them to the appropriate compartment, facilitating the recycling process. The project relies on artificial intelligence and computer vision technologies to recognize different types of waste and ensure accurate

			sorting, thereby improving the efficiency and effectiveness of recycling operations.
	Cyper WAI		A platform that offers students challenges of varying levels to help identify their interests, strengths, and weaknesses. It provides each student with a personalized plan tailored to their abilities and interests, supporting their future career development. This data also benefits universities by revealing students' strengths and weaknesses, helping institutions improve curriculum planning and the educational materials offered to students.
	FixFtNow		Many people struggle to find reliable technicians for urgent repairs at home or in the office, which leads to wasted time and money, and often results in work that is not guaranteed. This project aims to solve this problem through an application that offers easy-to-use features, 24/7 service, electronic payment, and an interactive map with precise location tracking.
	Moment Maker System		An electronic platform designed to facilitate event planning, allowing users to book venues and services online. The platform leverages technology to ensure a smooth, high-quality, and user-friendly experience, thereby ensuring customer satisfaction.

	Tajweed Teaching System		aims to develop an application for teaching Quran recitation according to *Hafs 'an 'Asim*. The application allows users to recite verses using their voice, where the system analyzes and corrects recitation errors, while highlighting the related Tajweed rules for each Ayah and word. In addition, the app includes recitations by well-known Quran reciters as accurate references, helping users improve their performance through practical learning.