

## Poster Presentations on Day 2 (Thursday, April 18)

Paper #	Title	Author(s)	Affiliation	Country
16	Nouf Alenezi, Sarah Khudadah, Omar Alajmi, Sarah Alsharhan and Dr. Seyed Esmaeili	Autonomous Beach Cleaner	American University of Kuwait	Kuwait
27	Wejdan Abahussain, Shahad Alshuhail, Amani Alalyani, Roaa Alsubaie, Dr. Malak Aljabri and Reem Alassaf	Improving the Communication Skills for Children with Autism by Developing a Virtual Reality Environment	Imam Abdulrahman Bin Faisal University	KSA
28	Razan Alzamanan, Asma Yamani, Futun Alqahtani, Noura Alshahrani, Dr. Nida Aslam and Atheer Alghairy	Anemeter: Noninvasive Point-Of-Care Technique For Measuring Hemoglobin Concentration	Imam Abdulrahman Bin Faisal University	KSA
45	Aisha Barahim, Amal Alhajri, Norah Alasaibia, Nouf Altamimi, Dr. Nida Aslam and Mashael Alkadi	Integration of 3D Virtual Reality in Diagnostic and Therapeutic of Cardiac Tumors	Imam Abdulrahman Bin Faisal University	KSA
50	Reema Alhassan, Reem Alrashoud, Atheer Alabdullatif, Nouf Alsughier, Nora Almunaif and Bayan AlArifi	Jawwab: Augmented Reality Based Museum Tour Guide Using Beacons	King Saud University	KSA
53	Felwah Alsubaihin, Hailah Alsultan, Luluh Albesher, Reema Alqadi, Shaden Alsubaihin and Hebah Almoaiqel	Qima - Taqeem Valuator Application	King Saud University	KSA
55	Cady Alnafea, Haifa Alomar, Rouquaiah Al-Refai, Maisa'A Alghuwainim, Nazar Saqib and Malak Alfossail	Touchless Quick Access : A continuous Face Authenticator	Imam Abdulrahman Bin Faisal University	KSA
62	Raghad Bogery, Nada Al Kabour, Nora Al Babtain, Yara Al Hashim, Hussah Albinali and Dr. Irfan Abdur Rab	From 2D Medical Images to 3D Heart Model and Simulation	Imam Abdulrahman Bin Faisal University	KSA
66	Reem Alhaqbani, Nouf Almoqbel, Aziza Alduhaysh, Noura Alsaif, Lujain Lujain Alkhunayfir and Arwa Altameem	Public's Radar: Social Data Analyzer for Discovering Public Sentiment	King Saud University	KSA
68	Rasha Alamri, Amal Abdulhaq, Fatimah Alrubaish, Ghada Humaid, Dr. Fatema Shaikh and Mahira Ilyas	Road Roughness Management System	Imam Abdulrahman Bin Faisal University	KSA
75	Raghad Almulla, Rana Alqahtani, Fatimah Alqarni, Eman Almubarak and Arwa Alghamdi	Automated Supervision for Dental College Students	Imam Abdulrahman Bin Faisal University	KSA
93	Mostafa Eltazy and Dr. Abeer Hamdy	Code Smell Detection using Machine Learning	The British University in Egypt	Egypt
97	Alanoud Alrushud, Hanan Alharbi, Haifa Almutairi, Boshra Alhussayen and Dr. Wojdan Alsaeedan	An Offline Arabic Handwritten Verification Model for Forensic Scientists	Imam Mohammad Ibn Saud Islamic University	KSA
98	Reem Aljbali, Alanoud Almarri, Samar Alqahtani, Dr. Nesrine Mezhoudi and Hina Gull	Smart Adaptive Learning Environment for Autistic Kids	Imam Abdulrahman Bin Faisal University	KSA
99	Ghada Almutiri, Hessa Alsultan, Ghada Aloraydh, Deema Alrasheed, Raghad Alotaibi and Manal Alonaizan	JoBest: Leading a Job Application	King Saud University	KSA
100	Hanin Alamro, Raghad Alhamdan, Shatha Alnafesi, Deema Alzaid, Rahaf Alsaid and Dr. Hafida Benhidour	Path Planning in Dynamic Environments for Mobile Robots	King Saud University	KSA
102	Sahar Ashmawi, Maram Alharbi, Ameerah Almaghrabi and Areej Alhothali	FITME: Body Measurement Estimations Using Machine Learning Method	King Abdulaziz University	KSA
103	Hasan Zidan, Khaled Mahfouz, Seyed Mohammad Rameshi, Mohanad Rafat, Mohammed Sheikh, Mahmoud Elsayed, Dr. Hanan Zidan and Khaled Mahfouz	Biometric Attendance System with Route Mapping	Ajman University	UAE
104	Yara Bou Hassoun, Rawan Al-Hajj Dawoud, Ahad Algrais, Atheer Alshawiah and Dr. Rami Muhammad	Voicy Mouse Application	Imam Abdulrahman Bin Faisal University	KSA
106	Atheer Almalki, Asma Alzhrani and Hanan Ayoub	MASRA: A Social Network Application For Travellers	King Abdulaziz University	KSA
107	Wejdan Fahad Almutairi, Alanood Alsulami, Hadeel Alsulami, Tahani Alsulami and Dr. Maysoon Abulkhair	Safety Life for Epilepsy	King Abdulaziz University	KSA

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108	Abdullah Alamin, Abdulrahman Mostafa, Zayed Alabbad and Dr. Feras Aljumah	Criminals Relationship Finder	Imam Mohammad Ibn Saud Islamic University	KSA
109	Shoug Alrumayh, Anfal Aleidan, Shaden Alfawzan and Dr. Ayat Osman Mohammed	SharedEMR	Imam Mohammad Ibn Saud Islamic University	KSA
110	Ammar Alhajri, Abdulrahman Buradhhah, Othman Alnaimi and Dr. Mohammed Misbhauddin	QuickTruck: A Queue-based Food Truck Locator	King Faisal University	KSA
111	Mordiah Mujibur Rahman, Alaa Elshareef, Abeer Yousuf, Sahar Alkhateeb and Dr. Manal Kalktawi	Stay Alive : Disaster Facing sing Virtual Reality	King Abdulaziz University	KSA
113	Engy Elshaer, Dr. Nahla Barakat and Dr. Amr Ghoniem	Simulation and Serious Games for Emergency Management	The British University in Egypt	Egypt
114	Manal Aljuaid, Lujain Aljahdali and Prof. Arwa Al-Aama	Security Aid: An IoT Movement Detector System	King Abdulaziz University	KSA
116	Faris Alsaif, Suliman Alfouzan, Hamad Alhogail and Dr. Yasser Kotb	Quick Medication Information	Imam Mohammad Ibn Saud Islamic University	KSA
117	Nadia Bahatbeg, Melad Alamri, Rana Algizani and Dr. Reem Alnanih	Shake Hand: Academic and Social Networking Application	King Abdulaziz University	KSA
118	Fatima Alharthi, Khawla Aljaari and Dr. Asad Khattak	My Books Application	Zayed University	UAE
119	Hatoun Aljamhoor, Nada Alrashed, Sarah Alsaeed, Seba Alhader and Dr. Henda Chorfi Ouertani	iMed Application: Augmented Reality based App for Drug Descriptions	King Saud University	KSA
122	Shehab El Deen Ayman, Prof. Omar Karam and Dr. Walid Hussein	Edge of Road Monitoring for Intelligent Highways	The British University in Egypt	Egypt
124	Shaima Aljneibi, Aysha Alkaabi and Dr. Feras Al-Obeidat	Addressing the Level of Internet Privacy Awareness in The Emirates Using Data Analytics	Zayed University	UAE
125	Ashraf Zaher, Moneera Almesafer, Islam Algayar, Ayoob Miah, Abdullah Almane, Dr. Mariam Abdullah and Dr. Ashraf Zaher	Migraine Detection Using EMG	American University of Kuwait	Kuwait
126	Roudha Alhaj Nasser and Dr. Sreeporna Unni	Analysis of the Physio-Chemical Profile of the Soils in the Emirate Of Dubai	Zayed University	UAE
128	Shaikha Al Rumaithi and Dr. Andrew Leonce	Game Project: Mystery Castle	Zayed University	UAE
129	Nada Al Huwaish, Noura Al Khurboush, Rafa Al Shafi, Reem Al Shaiban and Dr. Maha Al-Yahya	Rafeeq: An Arabic Voicebot for College Students	King Saud University	KSA
130	Tarfa F.Alfaris, Haifa M.Almujalli, Nouf Aljammaz, Latifa Alzahrani and Jalila Zouhair	Virtual Desktop Infrastructure Challenges and Opportunities	Prince Sultan University	KSA
131	Khlood Aljaberi, Fatima Abdullah and Dr. Ouns Bouachir	Fake News Detector	Zayed University	UAE
132	Mouza Al Mazrouei, Mariam Al Mansoori and Dr. Ahmed Shuaib	Tasamoh Website	Zayed University	UAE
133	Shahad Alhumaidi, Aseel Alshaya, Ghada Alghanayem, Reema Almegren, Shoog Almsalam and Afnan Alsadhan	"Ejad" Lost and Found System	King Saud University	KSA
134	Abdulrahman Bin Saif, Hassan Alwizrah, Mohammed Alsarra and Dr. Laith Alsuliman	Tracing Coffee Supply Chain using Blockchain Technology	Imam Mohammad Ibn Saud Islamic University	KSA
135	Rawan Ehab and Dr. Ayman Ghoneim	Career Path Recommendation System	The British University in Egypt	Egypt

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138	Steffen Holter, Homer Gamil and Dr. Anthony Tzes	Data Visualization and Feature Extraction using Autoencoders	New York University	UAE
140	Sarah Alabdulhadi, Basmah Aljarboua, Raneem Altunesi, Reem Alhoshan, Alanoud Aljandal and Jalila Zouhair	An Optimal Solution to the Job Shop Scheduling Problem	Prince Sultan University	KSA
141	Maryam Alabdooli, Sumaya Khoory, Noora Alroken and Dr. Hakim Hacid	Contributions Towards Multiple Identity Detection in Social Networks	Zayed University	UAE
142	Nada Albreiki, Noora Al Ameri and Dr. Ahed Abugabah	E-Clinic Mobile Application	Zayed University	UAE
143	Aaesha Mohammed and Maryam Rashed	Memristor Device Characterization and Simulation	Khalifa University	UAE
144	Aaesha Mohammed and Maryam Rashed	Indoor Localization System with Sensor Fusion	Khalifa University	UAE
147	Ashwaq Salem, Khawla Rashed, Khadija Mohamed and Dr. Ouns Bouachir	Parking Communication System using Mobile App	Zayed University	UAE
150	Shaikha Aldarmaki, Aysha Alshamsi and Abdullah Tubaishat	RFID Dark Market	Zayed University	UAE
151	Khulood Al Ali, Maha Ahmed Al Mazrouei, and Dr. Asad Khattak	Fix It Application	Zayed University	UAE
154	Hessa Alblooshi, Raja Boraik and Dr. Farkhund Iqbal	eCitizens First Web Application	Zayed University	UAE
156	Kareem Salah and Prof. Samy Ghonimey	Swarm Intelligence in Rescue Missions	The British University in Egypt	Egypt
158	Hatoon Alshehri, Aisha Alghamdi, Maram Alaslani and Dr. Dalal Zahran	AlgoFun Interactive Algorithm Learning Website Using Gamification	King Abdulaziz University	KSA
159	Ghadi Aljarallah, Halla Alhussaini, Sawsan Almarzouk, Shatha Alrabiah and Dr. Abeer Alnafjan	Riyadh Metro Air Pollution Detection System	Imam Mohammad Ibn Saud Islamic University	KSA
160	Asmaa Albasha, Maryam Alghalban, Ola Semsemiah and Dr. Abeer Alnafjan	Using Virtual Reality Technology along with Speech Analysis in Stuttering Treatment	Imam Mohammad Ibn Saud Islamic University	KSA
161	Fatima Alqahtani, Rawan Alowain, Zainab Alkussayer and Dr. Abeer Alnafjan	Robot-Assisted Therapy for Children with Autism	Imam Mohammad Ibn Saud Islamic University	KSA
165	Meirah Alkaabi, Raghad Alnablsi, Donia Ben Haj Messaoud and Dr. Mohammed Tarique	Sign Language Translator to Speech	University of Science and Technology of Fujairah	UAE
167	Hamed Ali, Ali Mohammed, Khalid Ehsan and Dr. Amir Majid	Smart Irrigation System	University of Science and Technology of Fujairah	UAE
168	Nouran Mamdouh and Dr. Walid Hussein	Image Processing based Ethical dilemma amendment in Self-Driving Car	The British University in Egypt	Egypt
169	Heba Al-Nasser, Sabikah Al-Asfour and Dr. Sayed Esmaeli	Smart Medicine Holder	American University of Kuwait	Kuwait
170	Shehab Eldeen Ayman and Dr. Abeer Hamdy	Automatic Generation of UML Model from Requirements Specification using NLP	The British University in Egypt	Egypt
174	Bayan Hisham, Alia Nassar and Haseena Al Katheeri	Impact of Fashion Bloggers on Consumers' Shopping Behavior	Zayed University	UAE

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176	Rana Hisham, Dua Hussain, Sara Al Sahhar and Mujeeb Rahman	Effects of Audio Stimulus on Body's Vital Signs	Ajman University	UAE
177	Dina AlObaid, Noura Alqahtani, Reem Alharbi, Wafa Alharbi, and Dr. Noura Alhakbani	Brain Computing Interaction Based Seizure Prediction And "Maamn" Application	King Saud University	KSA