

EUREKA FAIR – SPRING 2025

Organized By: Management and HRM Department

Held On: Saturday, May 17, 2025 from 11:30 AM to 1:30 PM

Room# 308 and 314, CBM Building, Institute of Business Management (IoBM)

The Management & HRM Department of the Institute of Business Management (IoBM) organized the **Eureka Fair – Spring 2025** on 17th May 2025. MBA students from the course **MAN608- Technology, Operations, & Innovation** applied their learning to develop tangible innovations. A total of **37 prototypes**, developed by around 120 students, made the Eureka Fair a memorable event. Dr. Shagufta Ghauri, Acting Associate Dean UG Programs and HoD Management & HRM Department, warmly welcomed guests from academia and industry. On the recommendation of Dean CBM Dr. Muhammad Kashif, cash prizes were also announced for the best projects.

President IoBM, Mr. Talib S. Karim and VP FHE, Ms. Sabina Mohsin were invited as Special Guests at Eureka Fair. Acting Associate Dean and HoD Management and HRM Department received the honorable President and VP-FHE who honored the event with their presence and visited the projects displayed at Eureka Fair. Mr. President and Ms. Sabina awarded the cash prize of 30,000 PKR, 20,000 PKR, and 10,000 PKR to the first, second and third position holders. The top three projects selected in the event were No More Drama, Teazy, and EcoSlip. President IoBM and VP-FHE presented mementos to the guest adjudicators invited from industry at Eureka Fair. Guest adjudicators offered constructive feedback, challenging the students' ideas and guiding them in considering new possibilities in their innovations. Given below is the list of guests attended the **Eureka Fair – Spring 2025**.

ID	Name	Designation	Organization
Guests from Industry			
1	Ms. Rakhshanda Baig	CEO	Hunzay
2	Sameed Altaf	Business Development Manager	Getz Pharma
3	Abdul Samad Bavari	CEO	Bavari Perfumes
4	Dr. Muhammad Yasir	Director Engineering	Craft Tech Team
5	Dr. Muhammad Sufyan	CEO	Images Unlimited
6	Dr. Noman Ahmed Said	CEO	SI Global Solutions
7	Muhammad Zubair	Product Manager	Martin Dow
8	Quratulain Hanif	CEO	NCSA
9	Adnan Khan	Designated Auditor	Denim Prive
10	Mohsin Mateen	Head of Last Mile	Bazaar Technologies
11	Syed Muhammad Abbas Zaidi	Commercial Category Manager	Bazaar Technologies
12	Syed Saad Ali	CEO	Hexalyze
13	Areeba Khan	Sr. Corp Sales Manager	DLI
14	Tanveer Anwer Mirza	General Manager Sales	Mandviwalla Motors
15	Sadaf Bhatti	CEO	Robotech
16	Jahanzaib Kamil	Senior Operations Manager	Bazaar Technologies
Guests from Academia			
1	Ms. Rabia Sabri	Head of Department	Academics, IoBM
2	Ms. Juveria Baig	Head of Department	Internship & Placement, IoBM
3	Dr. Shian Dean	Faculty	Ziauddin University
4	Dr. Rehan Muzammil Butt	Assistant Professor	Salim Habib University
5	Dr. Essa Khan	Associate Professor	IoBM
6	Mr. Raza Abbas	Head of Incubation	SSKIC, IoBM

The Eureka Fair is the flagship event of Management and HR Department held every semester at IoBM and this event is aligned with the United Nations' Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure) and SDG 17 (Partnerships for the Goals). The students' innovative projects reflect efforts toward addressing global challenges through technology and innovation, enhancing the capabilities of industries while promoting sustainability. Furthermore, the inclusion of representatives from various industries and academia highlights the importance of SDG 17, which emphasizes partnerships across sectors to drive sustainable development. By fostering collaboration and innovation through events like the Eureka Fair, institutions contribute to global efforts aimed at achieving a more sustainable and equitable future.

This event wasn't just about showcasing the students' projects; it was about igniting possibilities, forging connections, and laying the foundation for a future driven by their creativity and dedication. Furthermore, the event served as a channel for invaluable industry insights, fostering stronger academia-industry connections. At the end, Dr. Saba Gulzar from Management and HRM Department, paid special vote of thanks to the esteemed guests specially President IoBM – Mr. Talib S. Karim and Vice President FHE – Ms. Sabina Mohsin. Dr. Saba Gulzar also praised the faculty teaching Technology, Operations & Innovation Course, including Dr. Junaid Ansari (Course Lead), Mr. Javed Malik, Mr. Majid Qureshi, and Mr. Fawad Alam, for supervising the excellent projects and contributed to the organization of Eureka Fair – Spring 2025.

Over the years, Eureka Fair has produced several noteworthy projects that have been endorsed by leading technology incubators in Karachi, such as Nest I/O, SSKIC, and NIC. Some of these projects have gone on to secure incubation, commercialization, and grants through IoBM's ORIC platform. Senior representatives from the technology and corporate sectors have also been invited to share their insights and evaluate the student projects. Dr. Junaid Ansari, Associate Professor Management and HRM Department conducted a networking session with the guests invited at Eureka Fair – Spring 2025 to get the feedback which was highly constructive and positive that can make upcoming events better and more successful.

The Eureka Fair – Spring 2025 featured an impressive array of student-led projects, ranging from web applications, mobile applications tackling urgent social challenges to advanced embedded systems designed for both domestic and commercial use. These initiatives reflected the students' wide-ranging interests and strong capacity for innovation. By offering this platform, the Eureka Fair not only enhanced students' confidence in their creative potential but also served as a source of inspiration for their peers to pursue their own paths of innovation and problem-solving. Given below is the list of projects displayed in Eureka Fair – Spring 2025.

S.No	Project title	Sector/ Industry	Brief Summary	Group Members (Name & IDs)
1	SALAT BUDDY	Furniture	SalatBuddy Stool is an ergonomically designed prayer aid created to support Muslims with joint pain, mobility issues, or physical limitations during Salah. Featuring modular "Multi-Risers" for customizable seat height, it enhances posture, reduces strain on knees, ankles, and back, and is lightweight and portable for both home and mosque use. With over 2 billion Muslims worldwide, the market includes elderly Muslims, individuals with physical challenges, and Islamic centers. Unlike bulky prayer chairs, SalatBuddy is travel-friendly, aesthetically pleasing, and designed for modern lifestyles. Its revenue streams include DTC sales, B2B	Taha Asad Yasit Wasiq Aatir Munir

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			partnerships, and bundled products, with a premium yet accessible pricing strategy.	
2	Restockify:	Food Industry	Restockify is a smart inventory management platform designed to streamline kitchen operations for restaurants, home kitchens, cloud kitchens, and small food establishments. It automates inventory tracking, restocking, and vendor coordination, reducing manual errors and minimizing stockouts or overstocking. Key features include direct sourcing of quality ingredients, real-time inventory monitoring, automated reordering, smart notifications, and a user-friendly dashboard for seamless management. With secure payment options and plans for AI-based demand forecasting, vendor comparisons, and POS integration, Restockify optimizes efficiency, cuts costs, and ensures a smooth supply chain for food businesses.	Daniyal Shahbaz Syed Muhammad Saad Muhammad Saad Saeed Mamoon Siyal
3	Campus Bridge	Career Development Industry	Campus Bridge is a university-based digital platform designed to bridge gaps in academic support, career planning, and entrepreneurship for students. It offers student-led tutoring, alumni-driven career counseling, and business idea mentorship from industry experts, all within a centralized ecosystem. With thousands of students seeking guidance and alumni eager to contribute, Campus Bridge connects learners with verified mentors, replacing isolated services and informal networks. Its business model includes freemium access, tutoring commissions, and pay-per-session career counseling. Launching first at IoBM, the platform aims to expand to universities across Pakistan, empowering students with structured mentorship and real-world insights.	Syeda Sundus Rizvi Farooq Hussain Sana Zulfiqar Ali Arsalan Ali Baig
4	MOVE ON - REVOLUTIONIZING ONDEMAND CAR SERVICES IN PAKISTAN	Automobile Industry	Move On is a revolutionary mobile app that simplifies car maintenance and emergency roadside assistance for Pakistani car owners. Addressing the lack of reliable and organized automotive services, Move On connects users with trusted mechanics, car washes, and emergency help through real-time tracking and seamless booking. Its unique all-in-one platform also features an e-commerce section for auto parts and accessories, eliminating the hassle of multiple visits to shops or browsing social media. The business model includes commission-based revenue, premium subscriptions for puncture shops, advertising slots, surge pricing during peak times, B2B partnerships, and in-app purchases, making car care accessible and efficient.	
5	Rang Riwas Studio - Couture Reimagined	Fashion Industry	Rang Riwas is redefining Pakistani bridal fashion by merging technology with tradition, enabling brides to co-create their dream outfits through affordable, customized couture. With digital design previews and direct collaboration with rural artisans, it offers designer quality at accessible prices. Catering to Pakistan's \$1B bridal wear market and global diaspora communities, Rang Riwas bridges the gap	Nabiha Aijaz Farooq Ahmed Faraz Aziz Ameema Tariq Ayesha Siddiqua

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			between high-end designers and local shops by offering digital-first couture. Its low-overhead, artisan-led model relies on Instagram, WhatsApp, and influencer collaborations for growth, making it the perfect solution for value-driven brides in the digital age.	
6	Eco Stone Project		Eco Stone Innovations introduces a sustainable, tree free alternative to traditional paper using limestone. Its stone paper is waterproof, tear-resistant, and 100% recyclable, ideal for stationery, packaging, and commercial use. By eliminating deforestation and water consumption, it promotes eco-friendly business practices. Leveraging Daraz Seller Center for inventory and DEX for delivery, the brand targets B2B and B2C markets, including eco-conscious consumers, students, and professionals. Marketing focuses on social media, collaborations, and ecommerce platforms like Daraz and Shopify. Projected sales indicate strong growth, with increasing annual profits, positioning Eco Stone Innovations as a leader in sustainable paper solutions.	Saifullah Khan Rida Zainab Suha Ashraf Daniyal Ahmed Khan Shabi E Zehra
7	SHINERS – Premium Car Wash at Your Doorstep!	Automobile Industry	Shiners revolutionizes car care with its convenient, high-quality car wash service delivered right to your home. No waiting, no hassle—just easy online booking and top-notch cleaning. Shiners brings its own water and electricity, offering three affordable packages: Silver (Rs. 800/1000) for body wash, vacuuming, and tyre polish; Gold (Rs. 1200/1500) adds interior cleaning and optional engine wash; and Platinum (Rs. 1500/1999) includes body polish. Focused on competitive pricing, strong branding, and seamless operations, Shiners aims to outshine competitors like Carsaaf and Pheonix with its convenience and premium service. Drive Clean, The Easy Way!	
8	EcoSip - Biodegradable Straws	Beverages	EcoSip aims to revolutionize single-use products by creating sustainable, biodegradable straws from sugarcane bagasse, an abundant agricultural byproduct. Using minimal chemical processing and natural additives, EcoSip delivers durable, water resistant, and eco-friendly straws that are safe for human use. With global restrictions on plastic and rising demand for sustainable alternatives, EcoSip enters a growing market with a scalable, cost-effective solution. The business model focuses on B2B sales to cafes, restaurants, and retailers, supported by PSQCA certification for trust and compliance. Target customers include eco-conscious businesses, sustainable product retailers, and environmentally aware consumers.	Rashid Ul Haq Zahid (20231-34678) Hoor Abdul Ghani (20221-33065), Hammad Ali Soomar (20231-34333) Mehak Elahi (20221-32188) Yasir Hussain Lakhani (20231-34680)
9	Taleem	C2C	The platform focuses on empowering rural Pakistani women through mobile-based learning, with a strong focus on stitching and knitting skills. It offers accessible video lessons in regional languages, allowing women to learn at their own pace, even	1. Muhammad Mustafa (2020226827) 2. Mariyam Fatima (20191-

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			offline. By completing courses, they earn certificates and can join a supportive community to share their progress. Additionally, the platform includes a marketplace where women can sell their handmade stitched and knitted products, helping them generate income. Partnerships with NGOs and organizations further enhance outreach and support, ensuring women gain both skills and economic independence.	25924)
10	Chef's Next Door	C2C / B2C	Chef's Next Door is a consumer-to-consumer (C2C) digital marketplace that connects talented home chefs with customers seeking healthy, affordable, and authentic home-cooked meals. By centralizing culinary talent and local demand, it provides a platform where chefs, especially women, can turn home kitchens into micro-enterprises. The service caters to urban professionals, students, and families who prefer nutritious, home-style food over fast food. Chef's Next Door empowers home chefs to earn from home, offering opportunity, dignity, and community, all while meeting the growing demand for wholesome meals in fast-paced urban environments.	1. Muhammad Shahroz Faisal (20232-33435) 2. Yousuf Fazal Lashkarwala (20201-27854) 3. Syed Ali Shahzaib Rizvi (20191-25952)
11	Checkers - Shelf Sense	Retail, B2B	Shelf Sense by Checkers is a smart system that helps store owners keep track of products on their shelves. Instead of waiting for someone to visit and check, store owners can take a photo of their shelves and send it through a form. This photo goes into a special dashboard that shows what items need restocking. It saves time, reduces out-of-stock problems, and helps stores and suppliers work better together. The system is easy to use and has been tested in real shops.	Abdullah Tariq: 20231- 33896 Maarij Ahmed Qureshi: 20231-34187 Hamza Javed: 20242-35372
12	Health Link Online Pharmacy	Healthcare	HealthLink Online Pharmacy is a digital platform offering convenient, accessible, and reliable pharmaceutical services. Through this platform, customers can easily order prescription medications, over-the-counter drugs, health supplements, and wellness products from the comfort of their homes. HealthLink ensures fast and secure delivery, along with a user-friendly interface for seamless ordering and payment. The pharmacy also offers expert advice on medications and health-related concerns. With a commitment to quality, affordability, and customer satisfaction, HealthLink aims to make healthcare more accessible while enhancing the convenience and efficiency of pharmaceutical services for a growing online consumer base.	Ahsan Mirza (20231-33865) Hamna Tariq (20231-33861) Hafiza Sidra Younus (2023133617)
13	No More Drama: End the Toxicity	Women Empowerment , Education & Mental Health Advocacy	No More Drama: End the Toxicity" is a womencentered campaign designed to combat toxic relationships and emotional abuse among young girls, especially female students in intermediate colleges. Many girls unknowingly face manipulation, control, and mistreatment in their relationships. This initiative educates them on recognizing red flags, building self-respect, and staying emotionally and digitally safe. Through workshops, digital content,	Youchibel Angelo (20231-33687) Noor Us Sabah (20231-34204) Eshal Imdad (20191-26598)

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			and peer-led support groups, the project fosters selfconfidence, financial independence, and strong social networks. By empowering young women with the tools to assert boundaries and make informed decisions, the campaign promotes a future of respectful, healthy relationships and gender equity.	
14	RENTSPACE	Service	RENTSPACE is an innovative online platform designed to connect vendors of used and underutilized products with customers seeking affordable, shortterm rental solutions. The platform facilitates the rental of various items, including books, bridal attire, jewelry, electronics, and kitchen appliances, for events such as weddings, parties, and corporate meetings. a secure mediator, RENTSPACE streamlines transactions, ensures smooth communication, and manages payments and deliveries. The business generates revenue through commission on transactions, subscription plans for enhanced visibility, and premium services such as insurance and promotional tools.	
15	XpressLube	Service	In today's fast-paced world, professionals find it increasingly difficult to take time out for essential car maintenance services such as oil changes, battery replacements, and minor repairs. Many car owners delay these necessary services due to their busy schedules, which can lead to vehicle breakdowns, reduced efficiency, and higher long-term repair costs. Traditional car service centers require vehicle owners to either wait in long queues or drop off their cars for hours, further adding to the inconvenience. To address this issue, we propose a mobile car maintenance service that brings essential car care directly to the customer. Our service will operate using a high-roof vehicle equipped with two professional mechanics who will provide on-site oil changes, battery checks, tire services, and minor repairs.	
16	AI-Based Smart Traffic Signal Management System	Service	Urban areas are increasingly burdened by traffic congestion, leading to wasted time, increased fuel consumption, and elevated emissions. Traditional traffic signal systems operate on fixed timers, regardless of actual road conditions, resulting in inefficiencies and commuter frustration. In response to this challenge, this proposal presents a Smart Signal System capable of dynamically adjusting signal timings based on real-time traffic conditions and the presence of high-priority or emergency vehicles. Current traffic light systems do not adapt to fluctuating traffic volumes or emergency situations. These inefficiencies reduce the overall flow rate of traffic and can cause critical delays. The system design will detect real-time traffic flow from all directions using sensors and/or computer vision. Adjusts signal ON/OFF durations (green, red, yellow) based on congestion levels. Prioritizes	

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			emergency or critical vehicles using vehicle recognition and GPS-based alert systems and will enables communication between adjacent traffic signals to create a synchronized traffic flow network across urban intersections	
17	Career Pulse	Human Resource Development	"Career Pulse" Pakistan's first focused mock-interview platform, designed to bridge the gap between job seekers' preparation and performance. Career Pulse aims to empower job seekers by providing personalized mock interviews and actionable feedback, ensuring they are job-ready. In addition to mock interviews, Career Pulse offers a resume review service, which provides detailed feedback and suggestions for improving resumes to make them more professional and ATS-friendly. This dual approach sets Career Pulse apart from existing solutions, making it a comprehensive platform for job readiness.	
18	Magic Shoesfor Blind People	Service	Millions of visually impaired individuals face challenges in navigating safely and independently. The Magic Shoes project aims to overcome these barriers by integrating obstacle detection and GPS navigation into footwear. Traditional aids like canes and guide dogs have limitations in detecting overhead obstacles or providing directional guidance. This smart shoe system will use ultrasonic sensors, LiDAR, and AI-based object detection to identify obstacles in real time, alerting users through vibration and audio feedback. Additionally, a GPS module will provide navigation assistance, helping users move confidently in unfamiliar environments.	
19	Small scale Investing Platform	Commercial	This project proposes an investment platform designed to empower small-scale female business owners by connecting them with a network of potential low-value investors.Recognizing the significant financial barriers faced by women entrepreneurs, particularly inaccessing traditional funding, this platform aims to democratize investment by facilitatingmicro-investments. Through a user-friendly app and website, female business owners canshowcase their ventures, outlining their business plans, financial needs, and projected growth.Simultaneously, individuals interested in supporting local economies and women;mpowerment can browse these opportunities, contributing smaller amounts that collectively provide crucial capital.	

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20	ExcessConnect	Finance	<p>A B2B Platform for Excess Raw Materials and Rejected Finished Goods. Companies in the textiles, pharmaceuticals, and plastics industries face significant challenges in selling excess raw materials and rejected finished goods, resulting in substantial losses. The current market landscape is plagued by broker systems, lack of visibility, and corruption.”</p> <p>Current Situation: The existing process relies heavily on brokers, auctions, and bidding systems, which are often marred by corruption and inefficiencies. This leads to:</p> <ul style="list-style-type: none"> · Inadequate price realization · Lack of transparency · Cash-based transactions · Inefficient matching of buyers and sellers 	
21	GreenBin Solution	Service	<p>GreenBin Solution is a waste collection and management startup founded by a group of dynamic and innovative young minds from Pakistan, with the aim of addressing household waste disposal challenges. Our mission is to provide free waste collection services for households, focusing on recycling to transform waste into eco-friendly and community-beneficial products through effective waste management practices. We plan to promote the two-bin system.</p>	
22	The BTH	Fashion	<p>The BTH aims to revolutionize the engagement of Pakistanis with fashion through an AI based solution personalized to their preferences. Our App focuses on the fusion of AI and the integration of local brands to deliver personalized outfit recommendations, wardrobe management, and seamless brand discovery. With features such as AI-based styling, wardrobe digitization, and outfit recommendations, the app creates a comprehensive and culturally relevant ecosystem for fashion enthusiasts and brands.</p>	
23	Ridies	Automotive	<p>Ridies, a trusted name in custom automotive seat covers and accessories, is expanding its product offerings to include LED lights, automotive fragrances, and car cleaning kits. This initiative is designed to transform Ridies into a comprehensive destination for car personalization and care, providing customers with a seamless and valuedriven shopping experience. The purpose of this product expansion is to:</p> <ul style="list-style-type: none"> • Diversify the product portfolio by entering fast-growing automotive accessory segments. • Enhance customer experience through complementary offerings that match their customization mind-set. • Increase average order value (AOV) and cross-sell opportunities through curated product bundles. • Strengthen Ridies' brand as a go-to automotive lifestyle hub, not just a seat cover provider. 	<p>Nooma Raghbir Nuvera Khan Shahzaib Qureshi</p> <p>Taha Mahmood</p>

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24	Hydroponics: A Sustainable Future	Agriculture	This project presents a tech-enabled hydroponic farming solution for Karachi, integrating agriculture with Internet of Things (IoT) and mobile connectivity. As urbanization limits traditional farmland and water resources, hydroponics offers a sustainable, high yield alternative. The farm will use cocopeat and nutrient-rich water to grow cherry tomatoes in a controlled environment. Key environmental conditions will be monitored in real time through sensors and displayed on a mobile app. Product will be sold through both B2B and B2C channels.	Aliyan Vayani (28627), Syed Anas Ali (28621), Muhammad Talha Bin Nasim (34512), Waqas Mohsin (33363), Amna Masood (33445)
25	SMART CART - Revolutionizing In-Store Advertising	Marketing	Smart Cart transforms ordinary supermarket carts into dynamic advertising platforms by embedding LED-enabled handles that display real-time, targeted promotions. Our innovative solution bridges the gap between brands and consumers at the point of purchase, offering an impactful, measurable, and scalable advertising channel. Traditional in-store advertising - posters, shelf banners, and static displays - often fails to engage shoppers effectively. Simultaneously, supermarkets face limited avenues for generating additional revenue beyond product sales. Smart Cart introduces a digital ecosystem built into shopping carts with key features:- Targeted Advertising: Brands deliver ads based on demographics, store locations, and time of day.- Real-Time Engagement: Shoppers view dynamic promotions as they move through the aisles.- New Revenue Streams: Supermarkets earn a share of ad revenue without upfront co	Manahil Irfan, Mariam Tariq, Momal, Wasi Abbas, Ramsha Ali Hassan
26	Bethak Hub – Redefining Urban Gatherings in Karachi	Café/Culture	Karachi's fast-paced lifestyle leaves little room for meaningful social interaction in safe, creative, and accessible environments. Current options for cultural activities and discussions are either too commercialized or disconnected from community needs. Bethak Hub is a modern-day community space designed for discussions, performances, workshops, and solo time. Located in the heart of the city, it blends the charm of rooftop culture with enriching programming such as musical nights, private bookings, and comedy shows. It's a space for connection, inspiration, and relaxation.	Humza-Yazdan-Anum-Sana-Kamnah

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27	HopIn - Your Local Sharing Marketplace	Marketplace	<p>HopIn is a web-based platform designed to connect students and individuals within a local community to facilitate the sharing of resources and services. It's a virtual marketplace that allows users to list and discover various offerings, promoting a sharing economy and fostering community interaction.</p> <p>Here's a breakdown of the key categories:</p> <ul style="list-style-type: none"> • Carpooling: Connect drivers and passengers for shared rides, reducing transportation costs and environmental impact. • Books: Enable the buying, selling, or lending of textbooks and other books. • Educational Course Material: Facilitate the sharing of notes, study guides, and other academic resources. • Educational & Entertainment Subscriptions: Allow users to share access to online learning platforms or entertainment services (e.g., streaming). • Co-working Spaces: Connect individuals with available co-working spaces, whether it's a desk in a shared office or a spot in a local library. 	Basit Ali, Kinza Rafiq, Mashood Mehtab, Faraz Yar Khan
28	Flavor Fix- Assemble, Cook, & Enjoy	Cooking	<p>This proposal is based on the idea of delivering meal kits through a user-friendly, app-based platform. Customers can easily browse a curated menu of meal kits, place real-time orders, and select from standard kit types for 2, 4, or 6 persons. This app will be operating daily from 9 AM to 9 PM, allowing users to choose from a variety of meal options (currently offering pizza, chowmein, pasta, and Khowsuey) which are freshly assembled with proportioned ingredients and a recipe card. The kits are then delivered by our dedicated riders, ensuring a hassle-free cooking experience.</p>	Amna Aslam, Hafiz Syed Asad Ali, Beeha Rafiq, Hamna Siddiqui, Qurratulain Lodhi.
29	Volt Leaf - The Smart Energy Pot	Engery	<p>Volt Leaf is an innovative smart pot that generates electricity using both solar power and chemical energy from plant-soil interaction. This energy powers built-in LED lights and provides USB charging for small electronic devices. The pot includes a rechargeable battery, light sensor, alloy electrodes, a moisture alert, and a digital display. Developed with sustainability and modern lifestyle in mind, Volt Leaf is designed for eco-conscious users who value functionality, aesthetics, and clean energy solutions. The initial prototype has been completed at a cost of Rs. 28,000, and further investment is now being sought to enhance its features, scale production, and expand its energy-harvesting capabilities.</p>	Suman Siddiqui (20231-33815) Sana Rehan (20231-34279) Daraksha Mustafa (20171-22515) Rayed Nasir (20221 32681) Warda Siddiqui (2022132925)
30	Automated Water Management System	Environment	<p>This project presents a smart water management system aimed at automating water tank monitoring and pump control for homeowners, apartment buildings, and commercial facilities. The system prevents overflows, dry runs, and inefficient water usage, offering convenience, reduced maintenance, and energy savings. The business model includes direct sales, partnerships with plumbing services,</p>	Ahsan Raza Badami - 20171-22033, Baseer Siraj - 20241-36113 Muhammad Taha Siddiqui- 2023233419

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			and a subscription-based maintenance plan. Despite barriers like installation cost and low awareness, pilot testing and user feedback will help validate the solution's effectiveness and ease of use. With rising interest in sustainable and automated home systems, this idea has strong potential to improve water efficiency and simplify daily operations.	
31	PVA Dissolvable Bags	Environment	This project focuses on PVA (Polyvinyl Alcohol) Dissolvable Bags, a sustainable packaging solution designed especially for the pharmaceutical industry. These bags are biodegradable, water-soluble, and safe for medical and general use. They dissolve completely in water, leaving no residue or waste. Their application in pharma ensures safety, sterility, and compliance with environmental and health standards.	Anmol Zamir Ansari - 20232-33441, Wania Rehman - 20232-33420, Asma Hassan - 20232-33458
32	ShopAI	Artificial Intelligence	Retailers today face the challenge of increasing customer basket size without being intrusive. Our solution, "AI-Driven Complementary Buying for Impulse Purchases," provides an innovative way to recommend relevant additional products to shoppers through artificial intelligence at the right moments, like during checkout or browsing. This solution is useful for both e-commerce platforms and physical stores, offering smart suggestions based on customer behavior. This leads to higher sales and a better shopping experience.	Zarmina Siddiqui - 35456 Syed Abbas Akhtar Zaidi - 35277 Minal Haq- 35443 Bakhtawar Aijaz - 35508
33	SKIPTHEQ	E-Commerce	SKIPTHEQ is a pioneering initiative aimed at transforming the campus experience for university students in Pakistan. With the tagline "Asaan tareeqa, Fikr se azaadi" (An easier way, freedom from worry), the project seeks to simplify everyday transactions by offering a seamless ordering solution via a WhatsApp-based chatbot. The platform is designed to eliminate the hassle of standing in long queues for food, stationery, and other essentials, thereby saving time and improving convenience. With a studentcentric approach, SKIPTHEQ leverages the growing penetration of smartphones and mobile internet in Pakistan. The business will generate revenue through vendor commissions, delivery charges, subscription models, and advertising partnerships. A carefully structured rollout plan begins with a pilot at a major university, followed by phased expansion. Preliminary financial projections indicate the potential for profitability within the first year of operation.	Faizan Ali Baig (20191-26606) Hassan Mukaddam (20221-32136) Muhammad Abdullah (20242-35518)
34	FooD Bridge	Q-Commerce	Our venture is a women-led food delivery service in Pakistan, connecting skilled housewives who prepare authentic Pakistani meals with customers in companies, hostels, and households. All operations, including cooking and delivery, are managed exclusively by women, promoting female empowerment and economic participation. We ensure timely delivery and high-quality meals,	Simra Jamil - 20191-26095 Mariam Mansoor - 20191-26098 Simra Ali - 2019126620

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			offering both per-meal options and discounted monthly subscriptions. Our revenue model includes a slight markup on meals, delivery charges, and a nominal monthly fee from participating housewives. This initiative aims to provide customers with affordable, home-cooked meals while fostering community development and supporting women's livelihoods.	
35	Innovative Energy Solutions	Engery	The commercial and industrial vehicle fleets traverse thousands of kilometers daily, offer an untapped platform for decentralized power generation. This concept explores the integration of solar photovoltaic (PV) panels onto the surfaces of moving fleet vehicles, such as trucks, buses, and delivery vans. By harnessing solar energy during transit and idle times, the system not only contributes to reducing the fleet's carbon footprint but also supplements power requirements for on-board systems or feeds back into the grid during rest periods. The dual advantage of mobility and exposure to varying solar intensities across geographic locations enhances the potential for optimized solar energy capture. This project aims to analyze the technical, environmental, and economic feasibility of implementing such a system, paving the way for sustainable transportation solutions that actively contribute to clean energy generation.	Mudassar Ahmed Muhammad Adeel Khan Sikandar Ali
36	Help Desk 360	CRM	Navigating university life can be challenging, from course selection dilemmas to understanding university policies, students often struggle to find the right information at the right time. Unlike some institutions that assign advisors to guide students, many universities lack a centralized system for addressing these concerns. The result? Endless WhatsApp group messages, scattered information, and students relying on random seniors for guidance. It's inefficient and frustrating. Many students end up making wrong academic decisions simply because they don't have access to the right information at the right time.	Munawar Hussain 20234-33407 Muhammad Adil 20232-33400
37	MOMENTUM INC.	Energy	Momentum Inc.'s innovative approach addresses this challenge by offering a smartwatch that can operate independently of Q consistent power sources. The proposed smartwatch includes standard features such as health and fitness tracking, mobile connectivity, and GPS navigation, while also offering unique modularity, allowing it to be worn on various parts of the body or attached to accessories. The core innovation lies in its renewable energy charging system, integrating kinetic and solar harvesting technologies.	Noor Jaffar Khan (20282-23994) Sana Khan (20191-25801)

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