Capital University of Science & Technology

Islamabad

Expressway, Kahuta Road, Zone-V, Islamabad

Phone: 92-51-111-555-666 Fax: 92-51-4486705

Email: info@cust.edu.pk Website: http://www.cust.edu.pk

Office of Research, Innovation and Commercialization Initiative

Application Form for Funding of Final Year Projects (FYPs)

Submitted By: Ali Saivi (ali.saivi123@oric.com)

0. Submission Metadata

Cohort ID: 3

Submission Date: 30 May 2025 07:16

1. Supervisor Information

Full Name: Mudassar Adeel

Designation: Professor

Email: mudassar132@gmail.com

Office Contact: F Block, Second Floor

Mobile: 03127689422

Supervisor Signature:

Mudassar

2. Student Information

Name	Reg #	Contact	CGPA
Saad Mushtaq	BSE213123	03106688345	3.5
Hamza Mehdi	BSE213138	03124563779	3.2

Student Signatures:

Saad Mushtaq *Saad*

Hamza Mehdi *Hamza*

3. Project Details

Title: Office Of Innovation And Commercialization

Timeline: 2025-05-29T19:00:00.000Z to 2025-07-30T19:00:00.000Z

Summary:

Our Final Year Project focuses on automating the functions of the ORIC (Office of Research, Innovation, and Commercialization) department within our university. At present, the handling of research proposal submissions, evaluations, approvals, and funding requests is carried out manually, leading to inefficiencies and delays. To address this, we are developing a web-based system with three dedicated portals for Admin, Faculty, and Students. This system will allow faculty members to submit research proposals digitally, track their approval status, and generate performance reports. It will also provide students with a platform to submit innovative Final Year Project ideas for potential funding. Through this automation, we aim to streamline ORIC operations, improve transparency, and support a more research-driven academic environment.

Business Plan:

The ORIC Automation System we are building has strong commercialization potential, particularly among universities and higher education institutions looking to modernize their research management processes. Designed with scalability in mind, the system can be customized to fit different institutional requirements, making it suitable for wide adoption. After development, we plan to offer the system as a licensed product to universities, providing customization, deployment, and ongoing support services. Our commercialization strategy involves collaborating with university incubators, seeking partnerships with educational software companies, and exploring funding or endorsement opportunities from national education commissions to help introduce the system to a broader market.

Marketing Potential:

The system's potential for sales is high due to the growing demand for digital tools in higher education, particularly in research administration. As more institutions seek to improve efficiency, transparency, and data handling in their ORIC operations, our system serves as a ready-to-implement, cost-effective solution. We plan to market the product through academic networks, technology fairs, and government-led educational initiatives. There is also strong potential to expand to international markets in developing regions where universities face similar operational challenges and are looking to transition from manual to automated systems.

Benefits:

The main benefit of this project is the significant improvement it brings in terms of efficiency, transparency, and organization within the ORIC workflow. Automating proposal submission and approval reduces processing time and helps eliminate paperwork bottlenecks. It provides a centralized database for all research activities and proposals, making data easily accessible and manageable. The reporting features help administrators analyze departmental research performance and funding impact, aiding strategic decision-making. Furthermore, by including a module for students to submit and seek funding for innovative ideas, the system promotes a culture of research and entrepreneurship. Overall, the project supports the university's goal of becoming a more research-oriented and innovation-driven institution.

4. Deliverables

✓ Hardware System

✓ Software System

5. Prototype Equipment

Item Name	Units	Unit Cost (Rs)	Total (Rs)
Cir	3	1,000.00	3,000.00
Grand Total:			**3,000.00**

6. Students Undertaking

We (the students involved in this FYP) hereby commit that if our FYP gets selected for funding, we will:

• Attend the CUST Incubation Centre (CIC) for at least 5 hours/week (each student) for the required three months (27th October 2024 to 20th January 2025).

• Submit a plan/schedule of our availability in the CIC.

• Prepare a Standee of our project that will be displayed in the CIC.

• Stay prepared for demonstration before any clients.

• Authorize Mr./Ms. _____ to get the funding cheque prepared in his/her name.

7. Evaluation Criteria

Practical Possibility:	5
Innovation:	5
Business Plan:	5
Marketing Potential:	5
Commercialization Aptitude:	5
Total Score:	25

8. Certificate of Approval

It is further undertaken that the expenditure report of approved FYPs, along with the supporting documents and the Prototype/End Product (in case the project has developed one), or the Project Poster (if not), will be submitted to ORIC upon completion of the project.