CUST - FYP Funding Application

Supervisor & Project Details

Supervisor: Dr. Ayesha Karim (ayesha.karim@example.edu.pk)

Designation: Assistant Professor

Office: Room B-202 | Cell: 03001234567

Project Title: AI-based Health Monitoring System

Summary: This system uses sensors and AI to monitor patient vitals remotely.

Business Plan: Offered as SaaS to hospitals and clinics; monthly subscriptions with remote dashboard.

Marketing Potential: High market interest in preventive healthcare; especially after COVID.

Benefits: Improved diagnosis accuracy, cost reduction, and accessibility.

Duration: 2025-06-01 to 2025-11-30

Deliverables

• Hardware System

• Software System

• HW/SW Integration

• New Technology

• Sustainable Solution

• Other: Mobile App with Remote Dashboard

Student Undertaking

- Attend CIC for 5 hrs/week from 27 Oct to 20 Jan
- Submit availability schedule
- Prepare a project standee
- Be ready for demo sessions

Authorized Person: Dr. Ayesha Karim

Students

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- Hamza Ali (FA20-BSE-015) | 03001112222 | CGPA: 3.67

- Zainab Tariq (FA20-BSE-016) | 03009998877 | CGPA: 3.89

Prototype Items

- Heart Rate Sensor: 2 x $1,500.00 = $3,000.00

- Raspberry Pi 4: 1 x $11,000.00 = $11,000.00

Grand Total: $14,000.00

Evaluation

Practical Possibility: 5/5

Innovation: 5/5

Business Plan: 4/5

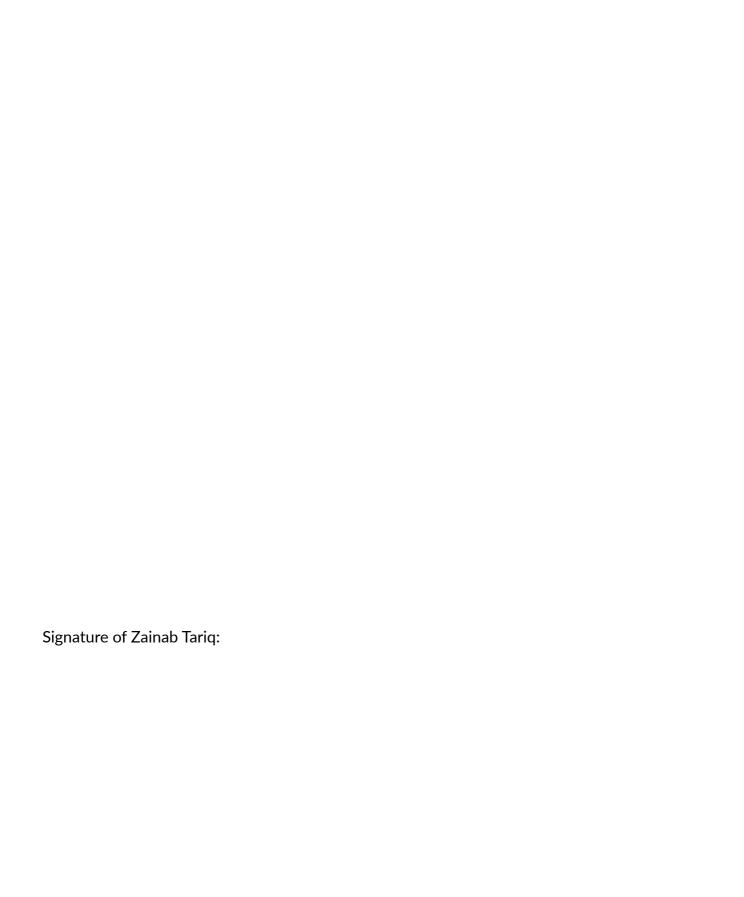Marketing Potential: 5/5

Commercialization Aptitude: 5/5

Total Score: 24/25

Supervisor Certification

This project is approved, not sponsored elsewhere, and all deliverables will be submitted to ORIC.

Signatures

Signature of Hamza Ali:

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Signature of Zainab Tariq:

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Supervisor Signature:

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