

Department of Computer Science
Iqra University, North campus
Karachi-Pakistan

Final Year Projects (FYP)

Progress Report Form

Project Title	Novel AI Aggregator (Responsive) for Multi System Facility base concept	
Supervisor	Faisal Ahmed	

Group Member		Task
Group Leader	Zain Ali	<ul style="list-style-type: none"> AI Matching Logic: Optimized the weighted heuristic matching algorithm (Category: 35%, Proximity: 25%, Reputation: 20%, Availability: 20%) to ensure high-accuracy provider matches. Gemini Vision Integration: Successfully integrated Google Gemini 1.5 Flash for image-based incident analysis, automatically generating technical titles and descriptions from uploaded site photos.
Student ID	12135	

Name	Kamal Hussain	<ul style="list-style-type: none"> Premium UI Enhancements: Finalized the integration of Framer Motion across all dashboards for smooth state transitions and micro-animations. Real-time UI Sync: Improved the WebSocket notification system, ensuring that job alerts and status changes (Accepted, Started, Completed) are reflected instantly without page reloads.
Student ID	16234	

Name	Naushad Ahmed	<ul style="list-style-type: none"> Audit Logging System: Developed a read-only audit trail for administrators, tracking all critical system events (logins, job assignments, financial transactions) for compliance. Service request Broadcasting: Implemented the logic to broadcast new requests to all relevant providers within a specific category using Django Channels.
Student ID	16548	

Name	Muhammad Muawia	<ul style="list-style-type: none"> Responsive Design: Completed high-fidelity responsive layouts for the Provider Portal and Customer Dashboard, optimizing for mobile & tablet views. Form Validation: Implemented robust Zod-based validation for the service request creation and provider application
Student ID	14023	

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Weekly Group Progress:

Initially, proposal writing, requirement gathering and follow the procedure as per supervisor's instruction.

Comments by Supervisor:

Students are preparing project proposal and identify the problems according to their abilities and suggesting with optimal solution.

Supervisor signature:

Week # 7th

Date: 01/13/2025