**👩‍💻 Person A: Strategic & Technical Foundations (20 marks)**

* **Acquisition Strategy** (5 marks) → Research and justify the best system acquisition approach (make, buy, outsource). → Create the Weighted Alternative Matrix.
* **Architecture Design** (5 marks) → Design the system architecture (e.g., client-server, layered, microservices). → Include diagrams and rationale.
* **Hardware and Software Design** (5 marks) → Specify hardware requirements and software platforms/tools. → Justify choices based on scalability, cost, and compatibility.
* **Compile Final System Specification** (5 marks) → Assemble all deliverables into a cohesive, well-formatted document. → Ensure consistency, clarity, and readiness for submission.

**👩‍💻 Person B: Object-Oriented Design (15 marks)**

* **Class and Method Design** (15 marks) → Refine the class diagram from analysis phase. → Focus on:
  + **Cohesion**: Each class should have a clear, focused purpose.
  + **Coupling**: Minimize dependencies between classes.
  + **Connascence**: Reduce unnecessary interdependencies. → Include method signatures, responsibilities, and relationships.

**👩‍💻 Person C: Data & Interface Design (25 marks)**

* **Physical Data Models (Refined ERD)** (15 marks) → Convert logical ERD to physical ERD. → Include table structures, keys, relationships, and normalization.
* **Interface Design** (10 marks) → Design input forms, output reports, and navigation flows. → Include wireframes or mockups for:
  + User input screens
  + Output displays
  + Navigation menus → Ensure usability and alignment with system goals.

Guys please remember to push your parts to the github repository