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1 Project Contributors & Collaboration

1.1   1. Document Control

- **Version:** 2.1
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- **Reviewers:** Prof. Arnold Lau, T.A. Sneh Bhandari

Welcome to FitDB (CS-437). This document outlines who's involved, what the project is about, and how we'll collaborate. It reflects the current scope in the docs folder.

1.2   2. Contributors

Name	GitHub Handle	Role(s)	Email / Contact
Henry	@hah97	Project Leader · Full Stack Developer	tbd
Jared	@jic48	Project Leader · Full Stack Developer	tbd
Prof. Lou	@tbd	Course Instructor	tbd
You	[GitHub ID]	Contributor	[Your Contact Info]

1.3   3. Roles & Responsibilities

- **Project Lead** – Own project direction, architecture choices, and major deliverables
- **Developers (Back-end)** – Implement Flask endpoints, enforce MySQL roles; add audit logging; maintain denormalized reporting views.
- **Developers (Front-end)** – Build Flask pages (member/plus booking, trainer availability, manager publishing & equipment dashboard); add validation and basic error handling.
- **Data/DB Specialists** – Create/Maintain indexes, triggers, and views (utilization, equipment demand)
- **Testers/QA** – Create test data to test for booking capacity, session publishing, verify audit immutability, overall performance, etc.
- **Documentation** – Keep `README.md`, `architecture.md`, `FRD.md`, and `TDD.md` accurate

1.4   4. Topics of Interest

- Core gym membership management (user registration, member activation/deactivation, check-ins) and access control (RBAC at app and DB levels, audit logging)
- Class session booking, scheduling, capacity/conflict handling, and equipment allocation (with reporting views and inventory modeling)
- Flask + MySQL implementation; future extensibility for AWS deployment and advanced features