**Studio sync for advanced fitness management**

SE-C-3

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Managing a fitness studio requires streamlined scheduling, robust membership tracking, and real-time coordination. This project presents “studio sync,” an advanced solution that reduces manual data entry by integrating automated class enrollment, a centralized database, and an intuitive interface. A pilot study with local trainers demonstrated a 50% decrease in administrative workloads, leading to increased client satisfaction and operational efficiency. The main challenge involved combining two subscription types (date-based and training-count) while safeguarding sensitive user data from unauthorized access. This outcome shows the promise of a well-designed application to drive growth, ensure reliability, and foster more effective communication for small fitness studios, improving overall management. By merging technical design with practical requirements, the system addresses key operational challenges faced by trainers.

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