

Fitness Center

To gain a deeper understanding of the operations within a fitness center, I interviewed my **Muay Thai coach Name Willy at Lion Roar in the Bronx**, who has extensive experience not only in training athletes but also in managing fitness programs and gym facilities. During the interview, I asked detailed questions about the daily processes involved in running a fitness center, from member sign-ups and class scheduling to equipment maintenance and transaction handling. My coach emphasized the importance of tracking membership types, payment statuses, and class attendance to ensure smooth operations.

He also highlighted how equipment usage is monitored, with regular checks for maintenance and condition updates. Class reservations were another crucial aspect, as managing capacity and ensuring proper scheduling of trainers for different programs helps in maintaining order and client satisfaction. From this discussion, I was able to capture all the necessary requirements that would be vital in building a structured database system for a fitness center.

His real-world insights provided me with the practical knowledge needed to understand the relationships between members, trainers, classes, and equipment, which are now represented in the ER diagram and database design. These insights not only helped with requirement gathering but also ensured that the database would be reflective of real gym operations.