



C R E A T I V E

WEBRO FITNESS SYSTEM

PRES ENTE D BY WEBRO FITNESS

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STATEMENT OF THE PROBLEM

Managing a membership-based organization, such as a gym or training institute, involves handling affecting a large area of data related to registrations, members, instructors, subscriptions, payments, and attendance.

Manual processes are inefficient, error-prone, and lack real-time tracking, leading to delays, inaccuracies, and scheduling conflicts. Poor member and instructor management, along with unreliable subscription and payment tracking, result in operational inefficiencies and member dissatisfaction.

Additionally, the absence of a centralized system makes data analysis and decision-making challenging. As the organization grows, these manual processes become unsustainable, increasing costs and hindering scalability. An integrated, automated system is essential to streamline operations and improve accuracy.

OBJECTIVES

- To manage and integrate the registration, membership, instructor, subscription, payment, and attendance processes.
- Enhance user experience through efficient data management.
- Ensure accurate tracking of member subscriptions and payments.
- Monitor instructor attendance and working hours.
- Provide administrators with tools to manage system data effectively.

SCOPE

SYSTEM SCOPE:

- **REGISTRATION:** MANAGE MEMBER REGISTRATIONS WITH UNIQUE IDS AND STATUS TRACKING.
- **MEMBER MANAGEMENT:** STORE AND MANAGE MEMBER DETAILS, INCLUDING PERSONAL INFORMATION AND EMERGENCY CONTACTS.
- **INSTRUCTOR MANAGEMENT:** TRACK INSTRUCTOR DETAILS, SPECIALIZATIONS, AND AVAILABILITY.
- **SUBSCRIPTION MANAGEMENT:** HANDLE SUBSCRIPTION PLANS, START/END DATES, AND PAYMENT STATUSES.
- **PAYMENT MANAGEMENT:** RECORD PAYMENT DETAILS, INCLUDING AMOUNTS, DATES, AND METHODS.
- **INSTRUCTOR ATTENDANCE:** MONITOR INSTRUCTOR CHECK-IN/CHECK-OUT TIMES AND HOURS WORKED.

LIMITATIONS

SYSTEM LIMITATIONS:

- **DEPENDENCY:** RELIES ON ACCURATE AND TIMELY DATA ENTRY BY USERS.
- **SCALABILITY:** MAY REQUIRE ENHANCEMENTS TO HANDLE A LARGE NUMBER OF USERS OR COMPLEX QUERIES.
- **INTEGRATION:** LIMITED TO THE CURRENT MODULES; ADDITIONAL FEATURES MAY REQUIRE SYSTEM UPGRADES.
- **SECURITY:** BASIC SECURITY MEASURES; ADVANCED SECURITY PROTOCOLS MAY BE NEEDED FOR SENSITIVE DATA.

FEATURES

MEMBER MANAGEMENT FEATURES:

UNIQUE MEMBERID FOR EACH MEMBER.

STORES PERSONAL DETAILS LIKE NAME, CONTACT INFO, AGE, AND GENDER.

INCLUDES EMERGENCY CONTACT INFORMATION.

LINKS TO SUBSCRIPTIONID FOR SUBSCRIPTION TRACKING.

FEATURES

INSTRUCTOR MANAGEMENT FEATURES:

- **UNIQUE INSTRUCTOR ID FOR EACH INSTRUCTOR.**
- **STORES NAME, CONTACT INFO, SPECIALIZATION, AND AVAILABILITY.**
- **TRACKS ATTENDANCE THROUGH**
- **INSTRUCTOR_ATTENDANCE.**

FEATURES

SUBSCRIPTION MANAGEMENT FEATURES:

- UNIQUE SUBSCRIPTION ID FOR EACH SUBSCRIPTION.
- TRACKS PLAN TYPE, START DATE, END DATE, AND PAYMENT STATUS.
- LINKS TO MEMBERID FOR MEMBER ASSOCIATION.

FEATURES

PAYMENT MANAGEMENT FEATURES:

- UNIQUE PAYMENTID FOR EACH PAYMENT.
- RECORDS PAYMENT AMOUNT, DATE, AND METHOD.
- LINKS TO MEMBERID FOR MEMBER ASSOCIATION.

FEATURES

INSTRUCTOR ATTENDANCE FEATURES:

- UNIQUE ATTENDANCEID FOR EACH ATTENDANCE RECORD.
- TRACKS CHECK-IN AND CHECK-OUT TIMES.
- CALCULATES HOURS WORKED.
- LINKS TO INSTRUCTORID FOR INSTRUCTOR ASSOCIATION.

TARGET USER

1. Administrators

- **Role:** Manage and oversee the entire system.
- **Responsibilities:**
 - Handle registrations, member data, and instructor details.
 - Monitor subscription plans and payment statuses.
 - Generate reports and analyze system data for decision-making.
- **Needs:** A centralized, user-friendly system to efficiently manage all operations.

2. Members (Customers)

- **Role:** End-users who register and use the services (ex. gym members, training participants).
- **Responsibilities:**
 - Register for memberships or services.
 - Update personal information and emergency contacts.
 - Manage subscriptions and make payments.
- **Needs:** A seamless and hassle-free experience for registration, subscription management, and payment processing.

3. Instructors

- **Role:** Service providers who offer training or classes (ex. gym trainers, fitness coaches).
- **Responsibilities:**
 - Update their availability and specialization details.
 - Track their attendance and working hours.
- **Needs:** An easy way to manage their schedules, track attendance, and ensure accurate records of hours worked.

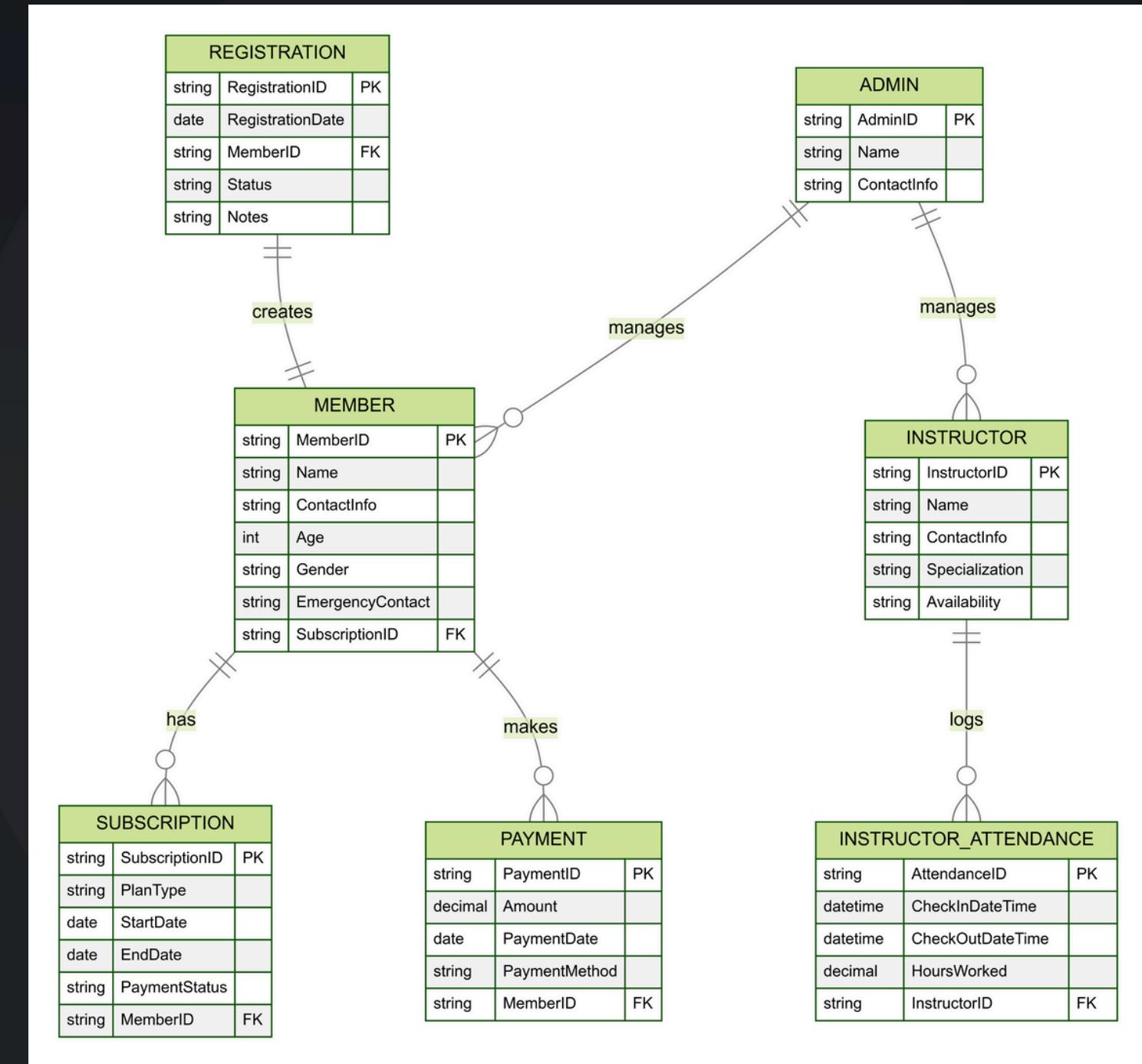
SUMMARY

- THE SYSTEM PROVIDES A COMPREHENSIVE SOLUTION FOR MANAGING REGISTRATIONS, MEMBERS, INSTRUCTORS, SUBSCRIPTIONS, PAYMENTS, AND ATTENDANCE.
- IT AIMS TO IMPROVE EFFICIENCY AND ACCURACY IN DATA MANAGEMENT.
- FUTURE ENHANCEMENTS COULD FOCUS ON SCALABILITY, SECURITY, AND ADDITIONAL FEATURES.

CONCLUSION

THIS SYSTEM PROVIDES A CENTRALIZED SOLUTION FOR MANAGING MEMBERSHIP-BASED ORGANIZATIONS, ADDRESSING CHALLENGES LIKE INEFFICIENT REGISTRATION, POOR MEMBER AND INSTRUCTOR MANAGEMENT, AND UNRELIABLE SUBSCRIPTION AND PAYMENT TRACKING. IT STREAMLINES OPERATIONS, IMPROVES DATA ACCURACY, AND ENHANCES USER EXPERIENCE FOR ADMINISTRATORS, MEMBERS, AND INSTRUCTORS. WHILE LIMITATIONS EXIST, THE SYSTEM OFFERS A STRONG FOUNDATION FOR GROWTH AND FUTURE IMPROVEMENTS, MAKING IT A VALUABLE TOOL FOR OPERATIONAL EFFICIENCY AND ORGANIZATIONAL SUCCESS.

ENTITY-RELATIONSHIP DIAGRAM (ERD)



THANK YOU

PRESENTED BY AKHIELAH AND
FRIENDS