**Product Backlog**

**1. User Registration & Login (User) (Priority: High)**

As a user, I want to register and log in to my account so I can access my gym membership and fitness details.

**2. Membership Subscription (User) (Priority: High)**

As a user, I want to subscribe to a membership tier so I can use its respective perks.

**3. View Membership Status (User) (Priority: Medium)**

As a user, I want to view my membership status so I can check my expiration date and renewal details.

**4. Manage User Accounts (Admin) (Priority: High)**

As an admin, I want to manage user accounts (activate/deactivate) so I can control system access.

**5. Update Membership Plans (Admin) (Priority: Medium)**

As an admin, I want to update gym membership plans and pricing so users see the latest options.

**6. Trainer Profile Creation (Trainer) (Priority: High)**

As a trainer, I want my profile to include my expertise and availability so users can choose me based on their needs.

**7. View Assigned Clients (Trainer) (Priority: High)**

As a trainer, I want to view a list of my assigned clients so I can manage their fitness plans.

**8. Update Workout Plans (Trainer) (Priority: Medium)**

As a trainer, I want to update workout plans for my clients so they have a structured fitness routine.

**9. View Trainer Schedule (Trainer) (Priority: Medium)**

As a trainer, I want to see my schedule of booked sessions so I can plan my availability.

**10. Book Workout Session (User) (Priority: High)**

As a user, I want to book a workout session with my trainer so I can work on my fitness goal.

**11. View User Progress Reports (Trainer) (Priority: Medium)**

As a trainer, I want to view user progress reports so that I can provide better guidance.

**12. Receive Feedback from Clients (Trainer) (Priority: Low)**

As a trainer, I want to receive feedback from clients so I can improve my training methods.

**13. Track Fitness Progress (User) (Priority: Medium)**

As a user, I want to track my fitness progress so that I can monitor improvements.

**14.** **Update Fitness Goals (User) (Priority: Low)**

As a user, I want to update my fitness goals as my progress improves.

**15. View Trainer Performance Reports (Admin) (Priority: Medium)**

As an admin, I want to view trainer performance reports to ensure quality service.