Yoga Center Management System

Primary actor: Yoga Center Administrator

Use case name: Manage Yoga Classes and Memberships

Goal: The goal of this use case is to allow the Yoga Center Administrator to efficiently manage yoga classes, monitor memberships, and facilitate smooth operations within the yoga center.

Preconditions:

1. The Yoga Center Management System is installed and running.
2. The Administrator is logged in and has appropriate permissions.

* Main Success Scenario:
  1. The Administrator accesses the Yoga Center Management System.
  2. The Administrator selects the "Manage Classes" option.
  3. The system displays a list of existing yoga classes with details such as class name, instructor, schedule, and maximum capacity.
  4. The Administrator chooses to add a new class.
  5. The system prompts the Administrator to enter the class details, including the class name, instructor, schedule, duration, and maximum capacity.
  6. The Administrator fills in the required information and confirms the creation of the new class.
  7. The system updates the class list with the newly added class.
  8. The Administrator selects the "Manage Memberships" option.
  9. The system presents a list of current members with their membership details, such as name, contact information, and membership type.
  10. The Administrator selects a member to view or modify their membership details.
  11. The system displays the selected member's information and membership status.
  12. The Administrator updates the membership status if necessary (e.g., renewing, upgrading, or cancelling).
  13. The system saves the changes to the membership details and updates the member's status accordingly.
  14. The Administrator selects the "Generate Reports" option.
  15. The system provides a range of report options, such as class attendance, membership statistics, and revenue analysis.
  16. The Administrator chooses a specific report and sets the desired parameters.
  17. The system generates the report based on the selected criteria.
  18. The Administrator reviews the report and can export it in various formats (e.g., PDF, CSV).
  19. The Administrator logs out of the Yoga Center Management System.

Postconditions:

* The Yoga Center Management System is updated with the new class and membership information.
* Reports generated by the system provide accurate data for analysis and decision-making.

Use case name: Online Booking and Payment for Yoga Classes

Primary actor: Yoga Center Trainee

Goal: The goal of this use case is to enable Yoga Center members to book yoga classes online and make payments conveniently through the Yoga Center's website or application.

Preconditions:

1. The Yoga Center Management System is installed and running.
2. The Yoga Center has an online platform for class bookings and payments.
3. The member has an active account on the Yoga Center's online platform.

* Main Success Scenario:
  1. The Yoga Center member logs in to the online platform.
  2. The member navigates to the class schedule or booking section.
  3. The system displays the available yoga classes with details such as class name, instructor, schedule, and remaining slots.
  4. The member selects a desired class from the available options.
  5. The system presents the class details, including date, time, location, and any special requirements.
  6. The member confirms their intention to book the class.
  7. The system checks the member's availability and ensures that there are available slots in the selected class.
  8. The system reserves a slot for the member and updates the class's remaining slots.
  9. The member proceeds to the payment section.
  10. The system displays the total amount due for the selected class.
  11. The member selects the preferred payment method (e.g., credit card, online payment service).
  12. The member provides the necessary payment information.
  13. The system processes the payment securely and confirms the successful transaction.
  14. The system updates the member's booking and payment details.
  15. The member receives a confirmation email or notification with the class details and payment receipt.
  16. The member logs out of the online platform.

Postconditions:

* The member's booking is confirmed and reflected in the Yoga Center Management System.
* The member's payment is successfully processed and recorded.
* The Yoga Center updates the class attendance records based on the online bookings.

Use Case: Trainer Schedule Management

Use case name: Trainer Schedule Management

Primary actor: Trainer

Goal: The goal of this use case is to allow trainers to manage their schedules, view assigned classes, and make necessary updates within the Yoga Center Management System.

Preconditions:

1. The Yoga Center Management System is installed and running.
2. The trainer is logged in and has appropriate permissions.
3. The trainer is registered in the system with their relevant information.

* Main Success Scenario:
  1. The trainer logs in to the Yoga Center Management System.
  2. The system presents the trainer's dashboard, displaying their upcoming schedule and assigned classes.
  3. The trainer selects the "Manage Schedule" or "View Classes" option.
  4. The system displays the trainer's schedule, showing the date, time, and location of each assigned class.
  5. The trainer can view additional details of each class, such as class name, duration, and expected attendance.
  6. If needed, the trainer can request changes to the schedule or class assignments.
  7. The trainer selects a class to make an update or request a change.
  8. The system provides options for updating class details, such as rescheduling, canceling, or requesting a substitute instructor.
  9. The trainer selects the desired option and provides any necessary details or reasons for the change.
  10. The system processes the update or change request and notifies the Yoga Center Administrator.
  11. The trainer receives a confirmation notification of the request submission.
  12. The trainer can also view their availability for future classes and provide their availability preferences within the system.
  13. The trainer logs out of the Yoga Center Management System.

Postconditions:

* The trainer's schedule and any requested changes or updates are recorded in the Yoga Center Management System.
* The Yoga Center Administrator is notified of any change requests made by the trainer.
* The trainer receives confirmation of their schedule changes or change requests.