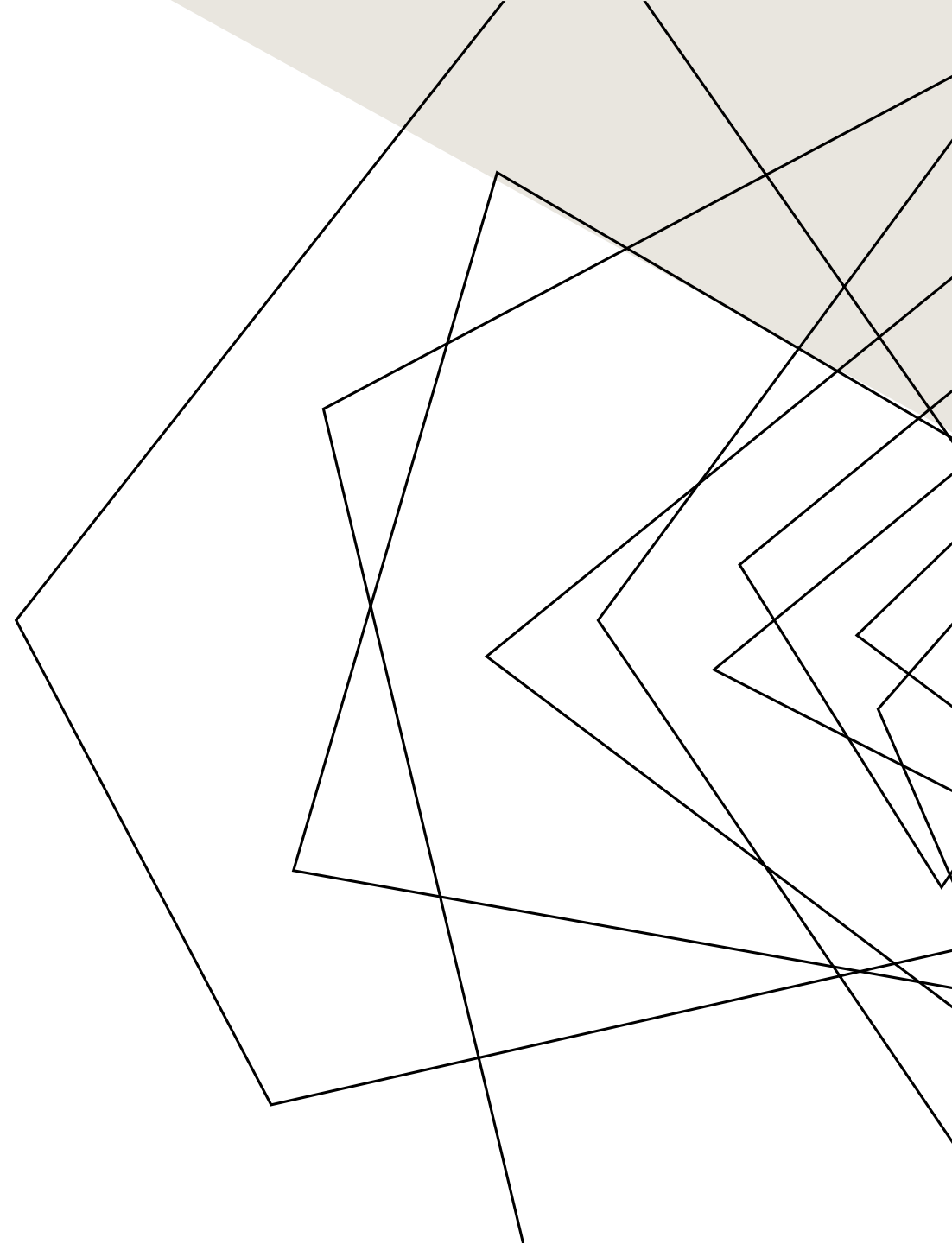
Abstract geometric lines in white on a black background, forming various polygons and intersecting lines.

SOFTWARE REQUIREMENTS SPECIFICATION (SRS)

SCOPE

The website will serve users (club members), personal trainers, and nutrition experts. It will enable user registration for the club, booking of sessions with personal trainers, and consultations with nutrition experts. The website will also provide management tools for trainers and nutritionists to handle their schedules and interactions.



PRODUCT FUNCTIONS

- User registration and authentication
- Club membership management
- Session booking with personal trainers
- Consultation scheduling with nutrition experts
- Payment processing
- Notifications and reminders
- Content management

USER CLASSES AND CHARACTERISTICS(ACTOR)

- **Users (Members):** Individuals who register to join the sports club and utilize its services.
- **Personal Trainers:** Professionals who offer training sessions and manage their schedules.
- **Nutrition Experts:** Professionals who provide dietary advice and manage consultations with users.
- **Administrators:** Staff responsible for managing the website and user accounts.

OPERATING ENVIRONMENT

- The website will operate in modern web browsers (Chrome, Firefox, Safari, Edge) and be accessible on desktops, tablets, and smartphones with internet connectivity.

FUNCTIONAL REQUIREMENTS

1) User Registration and Authentication:

- Users can create accounts using email and password.
- Personal trainers and nutrition experts can register with their professional details.
- Users can securely log in and log out.

2) Club Membership Management:

- Users can view and manage their club membership details.
- Options for membership renewal and cancellation



FUNCTIONAL REQUIREMENTS

3)Session Booking with Personal Trainers

- Users can view available personal trainers.
- Users can book training sessions with personal trainers.
- Personal trainers can manage their schedules and bookings.

4)Consultation Scheduling with Nutrition Experts

- Users can view available nutrition experts.
- Users can schedule consultations with nutrition experts.
- Nutrition experts can manage their consultation schedules.

FUNCTIONAL REQUIREMENTS

5)Payment Processing:

- Users can make payments for club memberships, training sessions, and consultations Nutrition Experts.
- Secure payment processing through third-party gateways.

6)Notifications and Reminders:

- Email and SMS notifications for bookings, cancellations, and reminders.

7)Content Management:

- Administrators can manage website content, such as articles, blogs, and event announcements.

NON-FUNCTIONAL REQUIREMENTS

1) Performance Requirements:

- The website should load within 3 seconds.

2) Security Requirements:

- Data encryption for sensitive information.
- Secure authentication mechanisms.

3) Usability Requirements:

- Intuitive and user-friendly interface.
- Responsive design for compatibility with various devices.

NON-FUNCTIONAL REQUIREMENTS

4) Compatibility Requirements:

- Compatibility with major web browsers.
- Mobile-friendly design.

5) Scalability Requirements:

- Support up to 10,000 concurrent users.

SYSTEM FEATURES

- 1: User Registration and Authentication
- 2: Club Membership Management
- 3: Session Booking with Personal Trainers
- 4: Consultation Scheduling with Nutrition Experts
- 5: Payment Processing
- 6: Notifications and Reminders
- 7: Content Management System (CMS)

FUTURE WORK

It is possible to establish sports stores that sell sports supplies to users

BUSINESS MODEL

Value Proposition

- **Convenience:** Users can easily register for the sports club, book personal trainers, and schedule nutrition consultations online.
- **Accessibility:** Accessible from any device with internet connectivity, making it easy for users to manage their memberships and appointments.
- **Expertise:** Access to certified personal trainers and nutrition experts.
- **Integration:** Seamless integration with payment gateways for easy transactions.

CUSTOMER SEGMENTS

- **Users (Members):** Individuals looking to join a sports club and benefit from personal training and nutrition consultation services.
- **Personal Trainers:** Professionals seeking a platform to offer their services and manage their schedules.
- **Nutrition Experts:** Professionals providing dietary advice and managing consultations.
- **Advertisers:** Businesses targeting fitness enthusiasts.

REVENUE STREAMS

- **Membership Fees:** Subscription fees for club memberships.
- **Booking Fees:** Fees charged for booking personal training sessions and nutrition consultations.
- **Advertisements:** Revenue from advertisements displayed on the website.

KEY ACTIVITIES

- **Website Development:** Building and maintaining the website.
- **Content Creation:** Developing content for users, including workout plans, dietary advice ,and blogs.
- **Marketing and Promotion:** Promoting the website through various channels to attract users, trainers, and nutritionists.
- **Customer Support:** Providing support to users, trainers, and nutritionists.

KEY RESOURCES

- **Technical Team:** Developers, designers, and IT support.
- **Content Creators:** Writers and fitness/nutrition experts.
- **Marketing Team:** Professionals handling promotions and user acquisition.
- **Customer Support Team:** Staff providing assistance to users.

KEY PARTNERSHIPS

- **Fitness and Nutrition Institutions:** Partnerships with certification bodies to ensure the credibility of personal trainers and nutritionists.
- **Payment Gateway Providers:** Partnerships with secure payment gateways for processing transactions.
- **Advertising Partners:** Collaboration with businesses for advertisements.

CHANNELS

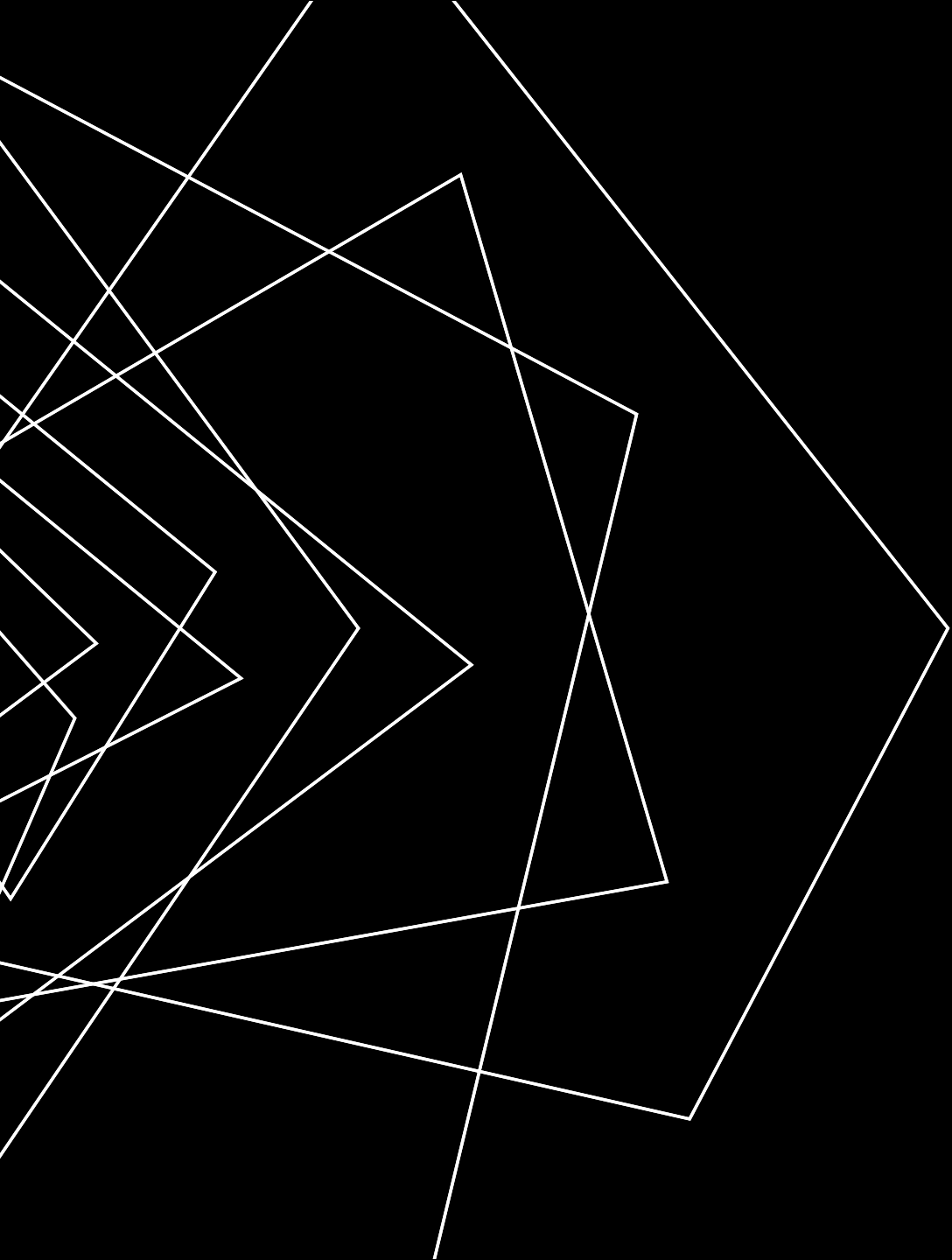
- **Website:** Primary platform for users to register, book sessions, and access content.
- **Mobile App:** Optional app for easier access and better user experience.
- **Social Media:** Channels for marketing and engagement with users.
- **Email Marketing:** Regular updates and promotions sent to users.

COST STRUCTURE

- **Development Costs:** Expenses related to website and app development.
- **Marketing Costs:** Budget for advertising and promotions.
- **Operational Costs:** Salaries for staff, server costs, and other operational expenses.
- **Content Creation Costs:** Fees for writers and experts creating content.

CUSTOMER RELATIONSHIPS

- **Self-Service:** Users can register, book sessions, and access content independently.
- **Personal Assistance:** Support available for users needing help with registration, bookings, or other issues.
- **Community Building:** Creating a community of fitness enthusiasts through forums, social media, and events.



THANK YOU