**Design 1 – Use Cases**

A diagram of a company

AI-generated content may be incorrect.

The system supports invoicing and account tracking for a sports club. The use cases are designed to provide a simple and secure way to manage invoices and users based on their roles.

**Actors and Responsibilities:**

**1. Admin**

- Creates and manages invoices for members.

- Adds chargeable items to invoices.

- Assigns invoices to the correct member account.

- Manages user accounts and roles.

- Views all invoices across the system.

**2. Member**

- Logs into the system to view their personal invoices.

- Views invoice details including item breakdown and total.

- Downloads invoices as PDFs for printing or record-keeping.

**3. Coach**

- Logs into the system.

- Views all invoices for all members for validation and accountability.

**4. Accountant**

- Logs into the system.

- Views all invoices.

- Marks invoices as paid.

- Verifies financial records for accuracy

**Use Case Grouping:**

The core use case group is Invoicing, which involves creation, item management, and payment marking. Other use cases relate to login/logout and general access.

**Detailed Use Cases:**

**1. Login/Logout**

- All users can securely log in and out of the system.

**2. Create Invoice**

- Admin creates a blank invoice for a member and sets issue/due dates.

**3. Add Invoice Items**

- Admin adds one or more items (with price and quantity) to an invoice.

- Total is automatically calculated.

**4. Assign Invoice to Member**

- Admin selects the member responsible for the invoice.

**5. View All Invoices**

- Admin, Coach, and Accountant can view all invoices in the system.

**6. View My Invoices**

- Member can only view invoices assigned to them.

**7. Download Invoice PDF**

- Member can export an invoice as a PDF file.

**8. Mark Invoice as Paid**

- Accountant can update an unpaid invoice to "paid" status with timestamp.