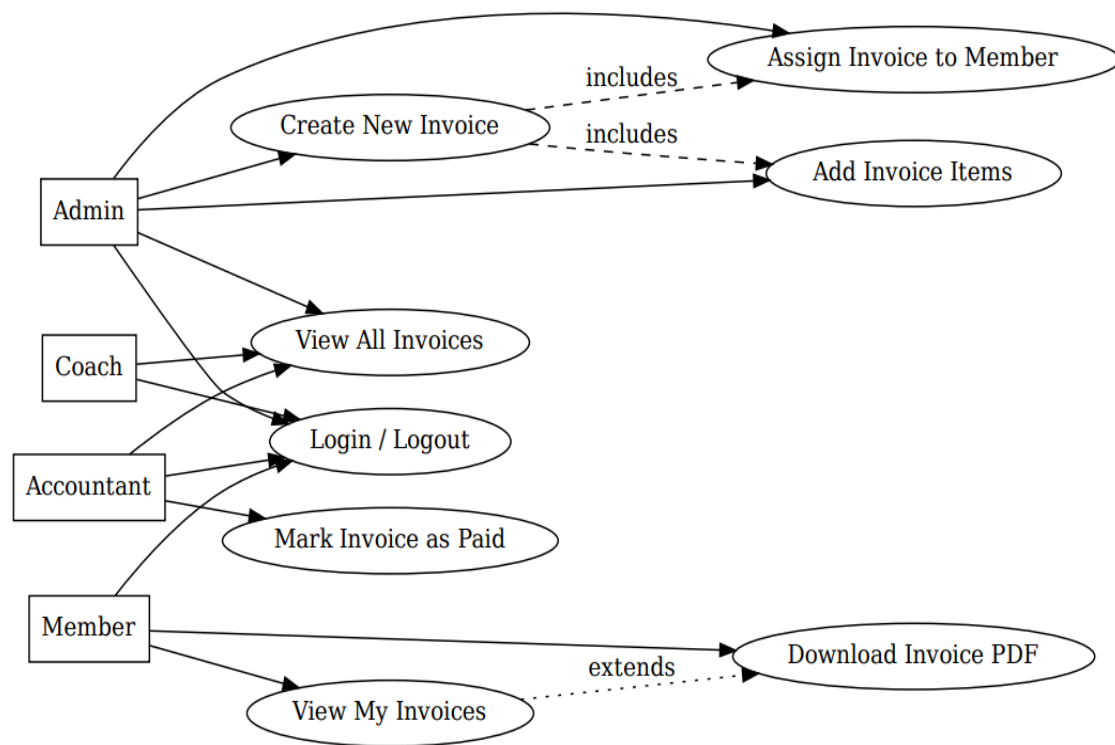


# Design 1 – Use Cases



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.