



**Diagram 1: Use Case Diagram**

The diagram illustrates the relationship between different kinds of users (actors) and the system functions (use cases) for an invoice system.

It contains three types of users:

**Admin** - similar to the boss who can do anything

**Coach** - can look at things but not much else can be changed

**Member** - regular users who just have to worry about their own things

The diagram shows small bubbles for every action, and lines between users and what they can do:

All (Admin, Coach, and Member) can log in and log out

Only Admin can create invoices, add items to them, assign them to members, and mark them paid

Both Admin and Coach can view all the invoices in the system

Only members can view their own invoices and download them as PDFs

It's sort of like at school - teachers (Admin) can create and mark assignments, teaching assistants (Coach) can view everyone's marks, but students (Members) can only view their own work!