


```

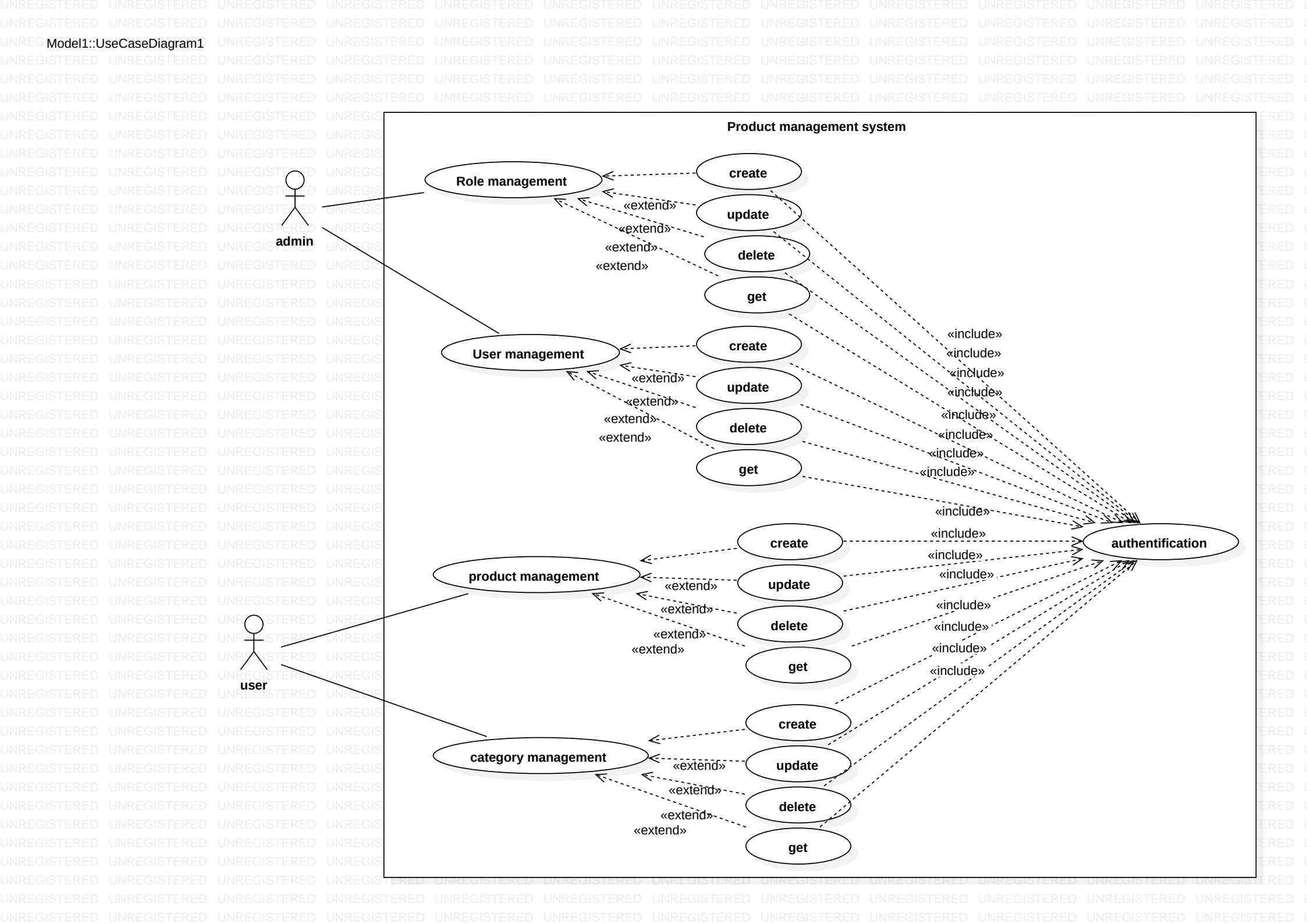
graph LR
    subgraph System [Product management system]
        direction TB
        subgraph Admin [admin]
            RM(Role management)
            UM(User management)
        end
        subgraph User [user]
            PM(product management)
            CM(category management)
        end
        subgraph Functions
            direction TB
            RMC(create, update, delete, get)
            UMC(create, update, delete, get)
            PMC(create, update, delete, get)
            CMF(create, update, delete, get)
        end
        Auth(authentication)
    end

    Admin --- RM
    Admin --- UM
    User --- PM
    User --- CM

    RMC -.->|«extend»| RM
    UMC -.->|«extend»| UM
    PMC -.->|«extend»| PM
    CMF -.->|«extend»| CM

    RMC -.->|«include»| Auth
    UMC -.->|«include»| Auth
    PMC -.->|«include»| Auth
    CMF -.->|«include»| Auth

```



Model2::ClassDiagram1

