Question5 Design a course registration platform

Objects:

Student:
Data:Name,Account,Password,CurrentRegistration
Actions:Register,Drop,Search,Login,Logout

Platform:
Data:CourseInformation,Term,Schedule,CourseCapacity
Actions:Record,ShowRegistResult

SystemManager:
Data:Name,Account,Password
Actions:AddCourse,DeleteCourse,AlterCoures,SearchCourse,Login,Logout

Sequence of invoking behaviors on Objects:

Student LiLei,
Platform platform
SystemManager Hanmeimei

if(LiLei.needsRegister)
    LiLei.Login->account,password:registration page
    LiLei.Search->term,coursennumber/coursename:CourseInformation
    Lilei.Register
    if(platform.CourseCapacity>=1)
        RegistResult=true
    else
        RegistResult=false
    end
    platform.Record:ShowRegistResult

    if(Lilei.needsDrop)
        Lilei.Drop
        platform.Record
    end
end
if(Hanmeimei.needsChangeSystem)
    Hanmeimei.Login->account,password:change page
    if(Hanmeimei.needsAdd)
        Hanmeimei.AddCourse->name,information
        platform.Record
    else if(Hanmeimei.needsDelete)

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            Hanmeimei.DeleteCourse->name
            platform.Record
        else
            Hanmeimei.AlterCourse->changed information
            platform.Record
        end
end
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