

Design a course registration platform

Things:

Student

Data: Name, School, StudentID

Behavior: Login, Search, Register, Logout

School

Data: Name

Behavior: Authorize registration

Platform

Data: Name

Course

Data: Name, CRN

Calendar

Data: calendar

Sequence:

Student charu

School neu

Platform myNEU

Course AED

Course DB

Calendar calendar

Registration Successful response

charu.openPlatform → myNEU

myNEU = platform

If charu.isStudentOfNEU

charu.loginmyNEU → charu, login: myNEU

If charu.loginSuccessful

charu.searchCourseReg → charu, courseReg, search: myNEU

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if course registration found
    charu.browseCourses → charu, information systems,
                                browse: myNEU
    charu.getCRN → charu, information systems, AED, CRN :
                                browse course
    loop
        charu.addCRN → charu, AED, CRN: register course
        If course. seatsnotAvailable
            charu.cannotRegister
        end
        If all required courses added
            charu.addToSummary → charu, AED, DB:
                                register courses
            break
        end
    end
    charu.submit → charu, AED, DB: course registration
                                successful

    response = registrationSuccessful
    calendar.displaySchedule
else
    charu.incorrectCredentials
end
else
    charu.notAuthorized
end
end

```