-----Design a job searching and posting platform-----

Objects and Behaviors:

  JobPlatform
        Data: username, position, employer, field, salary
        Behaviors: search, sort, display, review, authorize

  Applicant
        Data: name, resume, emailAddress
        Behaviors: search, login, post, browse, askQuestion, apply

  Employer
        Data: name, description, position, emailAddress
        Behaviors: search, login, post, explain, invite

  Position:
        Date: name, description, recrutingNumber, requirement
        Behaviors: N/A

Sequence of Invoking Behaviors with Objects:

  JobPlatform platform,
  Applicant tom,
  Employer nick,
  Position engineer

  1. Searching in Platform

  If platform.isAvailable
        If tom.hasAnAccount
              tom.signIn ->platform: authorize
        else
              tom.signUpForWebsite ->username, emailAddress, password
              platform.authorizeAccount
        end
        if authorize.isTrue
              tom.searchInPlatform -> platform, requirement: engineer position
        loop
              If tom.findNoPages
                    break
              else
                    tom.findDesirablePositionInAPage -> apply, emailAddress, network,
requirement, pageNumber: position
                    engineer = position
              If engineer.isAvailable
                    break
              else
                    pageNumber = pageNumber + 1

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                end
        else
                tom.cantAccessPlatform
        end
else
        tom.browsePlatformLater
end




2.  Posting in Platform

If platform.isAvailable
        If nick.hasAnAccount
                nick.signIn ->platform: authorize
        else
                nick.signUpForWebsite ->username, emailAddress, password
                platform.authorizeAccount
        if authorize.isTrue
        loop
                If nick.wantToPostRecruitment
                        nick.openPostAJob ->company, jobTitle, address, description,
requirement
                end
                If nick.wantToMakeAChange
                        nick.clickEdit -> post
                        nick.confirmChange
                        If(changeCorrect = true)
                                nick.submitChange
                                platform.confirmAction
                                nick.passChange
                        else
                                nick.redoTheChange
                        end
                end
        else
                nick.cantSignInPlatform
        end
else
        nick.browsePlatformLater
end
```