Proiect de Programare / C++
Retea socializare Jobs

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I.   Enunt

- adauga, modifica, sterge anunturi de job
- poate vedea candidatii care au aplicat la un job
- poate vizualiza lista cu joburi
- poate vizualiza lista filtrata in functie de un skill
- poate aplica la un job

II.   Structura datelor

User: int userId, string userName, string[] userSkills
Job: string jobId, string jobTitle, string jobDescription, string[] jobRequiredSkills
PartTimeJob: double hourlyRate
FullTimeJob: double anualSalary
RemoteJob: timeZoneRequirement
Application: int userID, string jobID
JobPlatform: Job[] jobs, User[] users, Application[] applications

III.   Structura fisierelor
-   users.txt
Fisier in care vom stoca detalii despre useri
<user_id_1>;<user_name>;<skill1, skill2, skill3>
<user_id_2>;<user_name>;<skill1, skill2, skill3>
<user_id_3>;<user_name>;<skill1, skill2, skill3>

-   jobs.txt
Fisier in care vom stoca joburile si detalii despre acestea
<type>;<job_id1>;<title>;<description>;<skill1, skill2, skill3>;<salary>
<type>;<job_id2>;<title>;<description>;<skill1, skill2, skill3>;<salary>
<type>;<job_id3>;<title>;<description>;<skill1, skill2, skill3>;<salary>

-   applications.txt
Fisier in care vom stoca toti userii care au aplicat la un job
<user_id1>;<job_id1>
<user_id2>;<job_id1>

<user_id3>;<job_id2>

IV. Interactiunea cu executabilele

./jobplatform.exe addJob <job_type> <job_id> <job_title> <description> <skills> <salary>
- adauga un job nou

./jobplatform.exe modifyJob <job_id> <job_title> <skills> <salary>
-modifica un job deja existent

./jobplatform.exe deleteJob <job_id>
-sterge un job si toate aplicatiile pentru el

./jobplatform.exe viewJobs
-afiseaza toate joburile create

./jobplatform.exe viewJobsBySkill <skill>
- filtreaza si afiseaza joburile dupa un anumit skill ex. C++

./jobplatform.exe applyToJob <user_id> <job_id>
-un user poate aplica la un job

./jobplatform.exe viewCandidatesForJob <job_id>
-afiseaza o lista cu toti candidatii pentru un anumit job

./jobplatform.exe addUser <user_id> <name> <skills>
-adauga un user nou