Database Objects

Basic idea for defining Users and Projects. Also a few things which would need to be pulled out into their own tables. I need to look into how the data objects map with the database, if it’s one to one or can be more general. All of it is up for discussion.

User

* First name
* Surname
* Location
  + Lat/lng?
  + Postcode?
* Email
* Password
  + Probably in a different table in the database but could be part of the java object
  + Could also be a JWT token for LinkedIn or Google login
    - How does the database/system know which is being used (password or JWT)?
* Skills
  + A list of skills
  + Based on predefined lists to start with
* Qualifications
  + Same as above
  + Simplified to a small list, e.g. SQL database certification instead of specific
* Interests
  + Same as above
* Previous projects
  + List of IDs linking to projects database
* Current projects
  + List of IDs linking to projects database
* Admin projects
  + List of IDs linking to projects database
  + Projects that the user has created themselves
* Projects
  + The above three lists could become one list in the user and the previous/current/admin part could be determined by looking it up in the projects table
* Average rating
  + Might be stored in user or could be calculated from project list

Project

* Name
* Admin user
* Description
* Timeframe
* Interests
  + Needs a better name, but would match with the users interests
* Location
  + Could be a lat/lng with a radius
  + Country/county based
  + Worldwide
* Roles
  + Role (Should have it’s own table)
    - Name
    - Required qualifications
    - Desired qualifications
    - Skills
    - Interests
      * Not sure if this is project or role specific
    - Payment
      * Could be defined or left for discussion after matching