☑ locusnine

Locusnine Recruitment Assignment

Idea: Develop a basic single screen CRUD application as shown in the Visual Design.

Functions:

1. List users
2. Add Users
3. Edit User
4. Delete User

- List users' table should be paginated
- While adding a new user, email should be generated at backend in this format- {name}@locusnine.com
  If name is "Raman", then email formed should be raman@locusnine.com
  If there is a clash, increment a number after the email e.g. raman+1@locusnine.com

Rules:

	Framework / Tool	What We Look For
General		**Neat, readable code** Only necessary files checked into git, use of gitignore
Frontend	Angular	Component based architecture Validations in form fields Code reuse (same component responsible for Add / Edit) Match visual design as closely as possible
Backend / API	Java OR dotnet core	Proper division of api calls Content type should be json Logging & Exception handling Segregation of service, data layer etc. Appropriate methods for actions eg. POST / PATCH / DELETE
Database	Any SQL based db apart from SQLite	Defining models Use of proper types, enums where necessary

Notes
1. **Login / Authorization to be completely skipped as it is out of scope.**
2. Deployment on cloud is not necessary.
3. On completion, push the code on Github and provide a public link to us.
4. **Attach a 20 - 30 seconds screen recorded video of the working app in the email. If not feasible, screenshots will be accepted.**

Since a lot of applicants are already in jobs, taking out time for the task is difficult. Therefore, we provide a **3 - 5 days** period to everyone for the final submission.