Coding Exercise

Objective: Design a tool to capture the skills for 10,000 software developers.

Timeline: this exercise should be completed within 96 hours of receiving the instructions. If more time is necessary, please coordinate with your Recruiter.

The skills can be for a specific software coding language or functional skills like: project management, scrum master, DBA, etc. Provide a way for UI for enter data and searching the data using various filter / search criteria.

You are free to use any programming language. Take your time to go through this exercise and ensure you are able to demonstrate or document all the steps you would take for code to be production ready. Assume that there will be 20 users of this system with 10 of them accessing concurrently at any point in time

Here are the questions that your program needs to answer:

1. Outline the different components for the system and what their role is as part of this system
2. Develop as many components of the solution as you would like and make assumptions about the others.

Please share a GitHub link to your project with your recruiter.