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1. A company has many employees with different levels of skills and expertise. This company also has many projects on its list to accomplish and more projects incoming. How can we help this company manage its projects by assigning them to the best-fitted employees, and also make sure its employees have enough projects to work on each week? Also, how can we help this company track time spent by each employee on assigned projects for billing purposes?

2. The intended user for this project is Intellitect, a high-end software architecture and development consulting firm based in Spokane. This business has a large group of employees that range from different levels of experience and have a variety of skills in the tech industry.

3. The intended user has this problem because they manage many different projects and would like to know what employees have time in their day to take on new projects. They want to be able to measure the amount of projects each employee can handle based on the amount of time the projects take out of their work week. They also need a way to track their employees' skills and expertise so that when a new project is brought on they can use the system to quickly search for employees that match the needed skills. The user also has a need for a better way to track time spent on projects for billing to clients.

4. The solution will help save the business time and make the project management more efficient. It will make it easier/faster to assign projects and make sure all employees are being given enough projects to handle, while not being overwhelmed. Also, it will help track employee skills and certifications so that the user will not have to track that manually and can make project assignment easier and more efficient.

5. Currently the projects are assigned manually and employee skills and expertise are not tracked in any system. There is a current system in place for managing time spent working on projects, but there is no connection between it and the project management.

6. The solution will be a website.

7. Vue.js, Vuetify, ASP.NET, Git, GitHub, Coalesce, Agile Scrum, Azure SQL Server, Azure SQL DB, Visual Studio, Visual Studio Code, AD/Microsoft Authentication.

8. PC/Mobile/Tablet. Reasonably portable across all common browsers.

9. There are many different project management systems available (Hive, asana) but they cost money and are more generalized. Creating a custom solution for our client will make the final product more tailored to their needs and will also save them from having to pay a monthly/yearly fee. Currently this job is done by a few fallible humans who would like to free up mental space to apply to problems that are less automatable.