

Zubair's challenge details for challenge: [Solar](#)

[Prize Round 6](#)

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Explanation

Our mission is to improve accessibility of solar by removing the complexities associated with design and installation creating plug-and-play array. To successfully meet our goals of building an Alpha Prototype by the Set! Demo Day, we need additional assistance with research and development. Experience with network design, programming, robotic systems, or mechanical design would be appreciated.

Key Needs

- Product Development (3 / 5): Majority of our group experience with prototyping has been with defense and medical equipment. Our hope is to receive insight on how to effectively approach our design targeted towards offering a hardware solution that can be used during any solar install.
- Funding & Investments (5 / 5): After developing our Conceptual Prototype, we've hit a financial road block. We can't build our first Alpha Prototype due to the design costs associated with the prototyping process. Learning about different avenues on how to successfully fund the next phase of our prototype would be extremely advantageous and aid in scaling our solution.
- Product Design (3 / 5): Because everyone on the team is an engineer, our approach to the design is to value factor over form. It would be helpful to receive feedback on potential design ideas such that it is more focused on giving a better user experience.
- Testing and Validation (4 / 5): Coming from an FDA background, I know first hand how complicated the compliance and testing process can be. What would be extremely valuable for us is to receive early feedback on our hardware and software designs that way we're more prepared for the certification testing process.
- Manufacturing (3 / 5): While we aren't ready to begin manufacturing, we do still need some guidance and advice on how to approach designing our enclosure such that it is easily manufacturable.
- Software Development (5 / 5): Even though our entire team does has experience with software development, it would still be vital to talk to and receive some guidance on how we can design our solution such that it is scalable. Additional, any feedback on our proposed approach could help save valuable time and offer insight to approaches we may not have considered.

Matches

1. [BlochSoft Technologies Inc](#): 87.60%
2. [Zpryme](#): 85.97%
3. [Positive Deviancy](#): 85.95%
4. [Mendiak Systems](#): 84.34%
5. [New Mexico Clean Energy Resilience and Growth](#): 81.34%

6. [New Mexico Clean Energy Resilience and Growth](#): 84.34%
6. [IoT Conduit](#): 84.32%
7. [Circuit Launch](#): 84.32%
8. [BLUE Exceleator \(Blue Institute\)](#): 82.71%
9. [HomeMe Group, Inc.](#): 82.71%
10. [Coe Student Innovation Center - University of Wyoming](#): 82.69%