

Team 4 Interview Guide

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Project Goals

Team 4's project is to work towards creating an inexpensive radar system that will allow for through wall object detection. This radar system is useful for search and rescue operations in order to find people trapped in collapsed or damaged buildings and various military applications. The radar system will determine the one dimensional distance to an object. Future work will add two and potentially three dimensions to the output from this type of device.

Opening Question:

Tell us about your favorite hobby?

Key Questions and Probes:

1. What types of things are you trying to image with this system?
 - a. Can you describe an example scenario where this system would be deployed?
 - b. Is there anything else you would like to say about potential applications?
2. If you had to sell this system to the Navy, what key points would you stress in the sale pitch?
 - a. What would you avoid telling them?
 - b. What do you think that they would be most excited about?
3. What role has knowledge of previous/existing radar systems played in the motivation for this one?
 - a. How do you envision this system being better?
 - b. Do you think this system could be used in a wider range of situations?

Closing:

Of all the topics we discussed which one do you think is the most important in the development of this system?