

Re: School Project: Help needed

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-03/msg04418.html>

- *From:* "Bricket" <Xabriol@xxxxxxxx>
 - *Date:* 30 Mar 2006 13:42:24 -0800
-

Tim Wescott wrote:

Bricket wrote:

All,

Can someone point me to the right direction. For an engineering class, I must design and create a project to help the blind using sonar/echolocation. Any websites or any direction at all would be useful.

Thanks in advance.

Bricket

That's a pretty broad subject, and not one that you're going to be able to tackle fully as a class project — which means that what you're really being asked to do is some little part of it.

The teacher is interested, I imagine in organizing the project from beginning to end. Which means that at least a crude apparatus must be built and functional. Believe it or not, he would like the thing to have a speech instead of relying on vibration or intensity of vibration like some commercial unit have.

First, I'd listen closely to what the prof has to say — he may be giving you the parameters of the project without being explicit about it (I hate that).

Second, he wants you to do something with SONAR, probably ultrasonic. I'd web search on SONAR, ultrasonic, possibly 'ultrasonic range finding'.

Re: School Project: Help needed

—

Tim Wescott

thanks

Wescott Design Services

<http://www.wescottdesign.com>

Posting from Google? See <http://cfaj.freeshell.org/google/>

.