

# PC/CP 320 Project Overview

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# Outline

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You'll do the integration project and *one* other.

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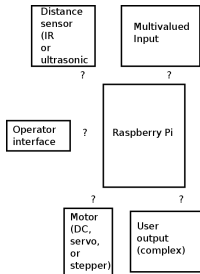
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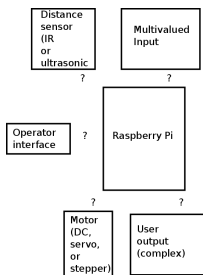
Trying to combine them would make it too easy to get overwhelmed.

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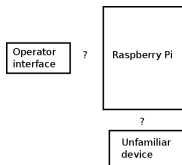
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Note that the “?” may include more than just signals, such as a D/A or A/D converter.

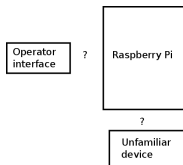
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The code is to demonstrate “proof-of-concept”.

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e.g. Future users may want to add other components.

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**If you're doing the enclosure project you'll have to start much earlier, or you may not finish.**

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*They may not yet interact; they just need to all be connected and functional at the same time.*



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**Be sure to highlight what you came up with on your own.**

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**Be sure to highlight your creative ideas.**

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This means that you are basically doing the projects in parallel.

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- *If you can show it working on time as the 4<sup>th</sup> device, the integration demonstration can be delayed.*



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Following are some examples of options for the various system components.

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(*combination project possibility*)

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**If you are using an analog sensor, it makes sense to use the ultrasonic distance sensor so your two input devices are more independent.**

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- **LED string options** - (*combination project possibility*)



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These are *in addition* to simply monitoring the status of the system.