

PROJECT OBJECTIVE

Home Automation or a Device switching is classified into Manual, Semi & Fully automatic.

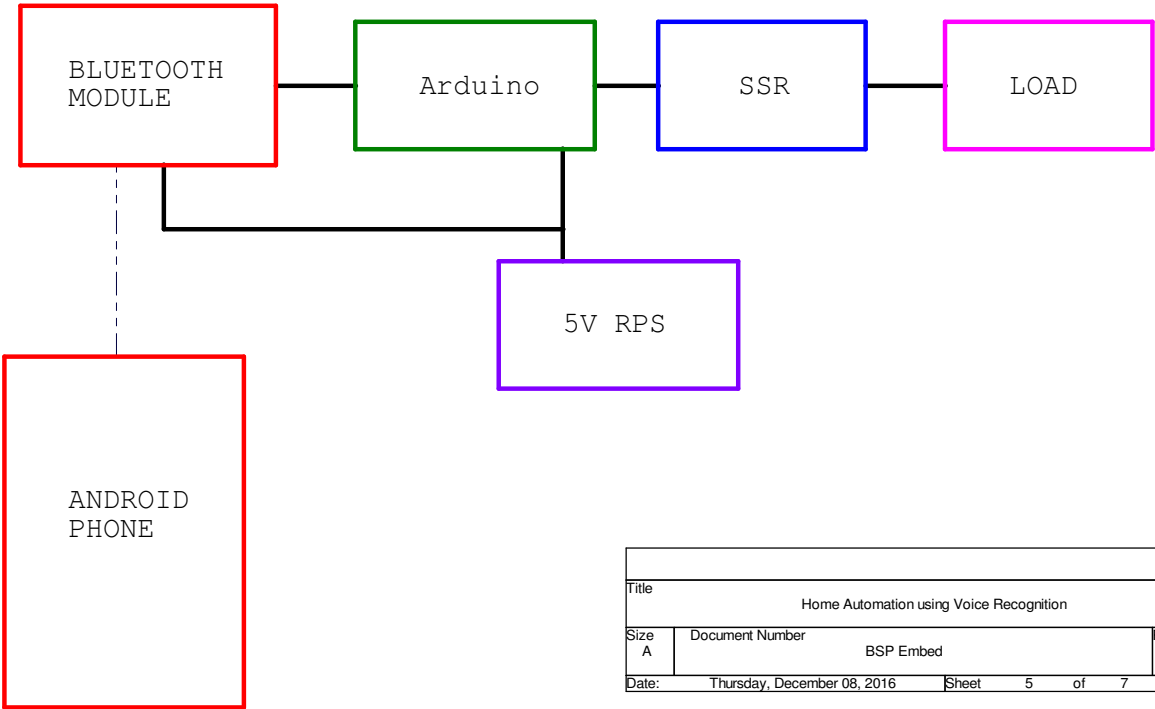
In Manual switching, Physical contact has to be made by human using a switch.

In semi switching method, human intervention is partial like using remote control, GSM Message control, voice controlled, etc

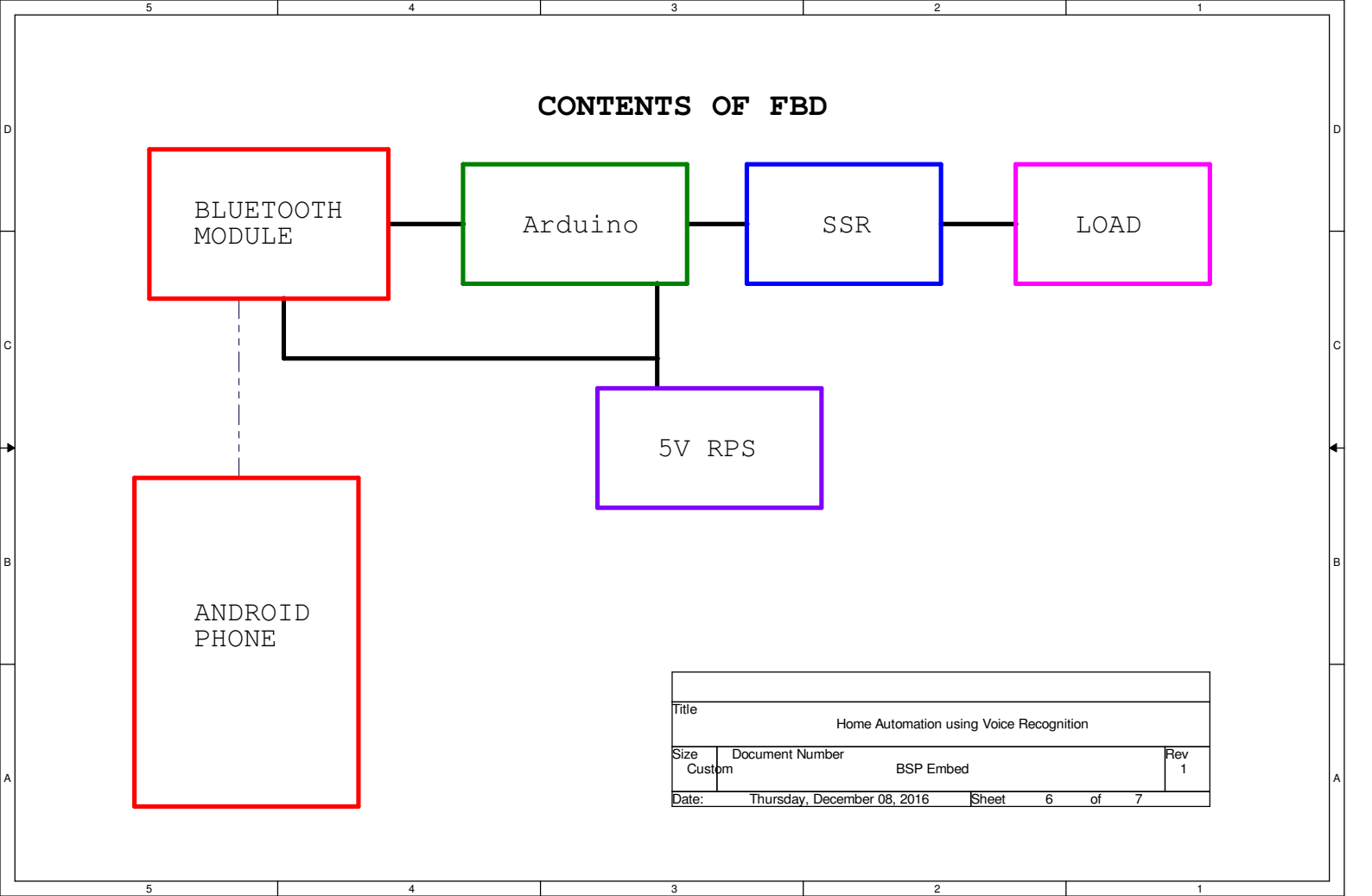
In fully automatic system device switching is done on pre defined conditions.

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Home Automation using Voice Recognition			
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REALISATION OF FBD



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Introduction to Voice Recognition

Voice recognition is the ability of a machine or program to receive and interpret dictation, or to understand and carry out spoken commands.

Early days we used HM2007, and Easy VR for voice recognition. These device are not very effective. They cannot recognize more words.

Nowadays because of the technological advances and New apps are coming on every single day, so we can develop robust application.

With Google's voice recognition, it's easy to interface with arduino via Bluetooth link.

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