

Dennis Project – Detailed view (v1)

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Requirements:

1. Be able to voice control his TV
2. Be able to use voice commands to call the nurse

Solution – High Level:

1. We provided an Amazon Fire TV Cube so Dennis could control his TV by using voice commands
2. We designed a solution which allows Dennis to use voice commands to activate the Nurse call feature

Details of the Solution

1 - Be able to voice control his TV – We provided an Amazon Fire TV Cube for Dennis to control his TV using voice

2 - Voice Controlled Nurse Call Bell – Dennis was having difficulty working the nurse call button due to his physical limitations. We designed a solution that uses an Amazon Smart Plug and a custom control unit as shown in the diagram below.

Here is a Visio diagram of the solution.

