MST 2 Documentation
IOT Project

Simple TV to Smart TV

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Hardware & Software Requirements

- **Hardware Requirements**
  - **Raspberry Pi 3 Model B:** The **Raspberry Pi** is a series of small single-board computers developed in the United Kingdom by the Raspberry Pi Foundation to promote the teaching of basic computer science in schools and in developing countries. The original model became far more popular than anticipated, selling outside its target market for uses such as robotics. It does not include peripherals (such as keyboards, mice and cases).
  - **HDMI to VGA Converter:** To connect the VGA monitor with the Raspberry Pi.
  - **VGA Monitor:** The Monitor is used as an output device.
  - **USB keyboard and mouse:** To provide Input.
  - **Headset or speakers:** To get audio output.
  - **Power Supply:** To supply power to the monitor and the Pi.

- **Software Requirements**
  - **Kodi:** Kodi is a free Linux based operating system that is specifically made for organizing and presenting media in a simple to navigate format. It can be used on computers, but it really shines on a TV. It can easily organize and present music, videos, internet, and pictures. Kodi has a variety of free apps that can be downloaded (more on this below). One of the best parts about Kodi, though, is that the look can be completely customized with new skins.
  - **Install an Add-on:** You can add some required softwares of skins according to your choice.