

IoT Applications in NCTU

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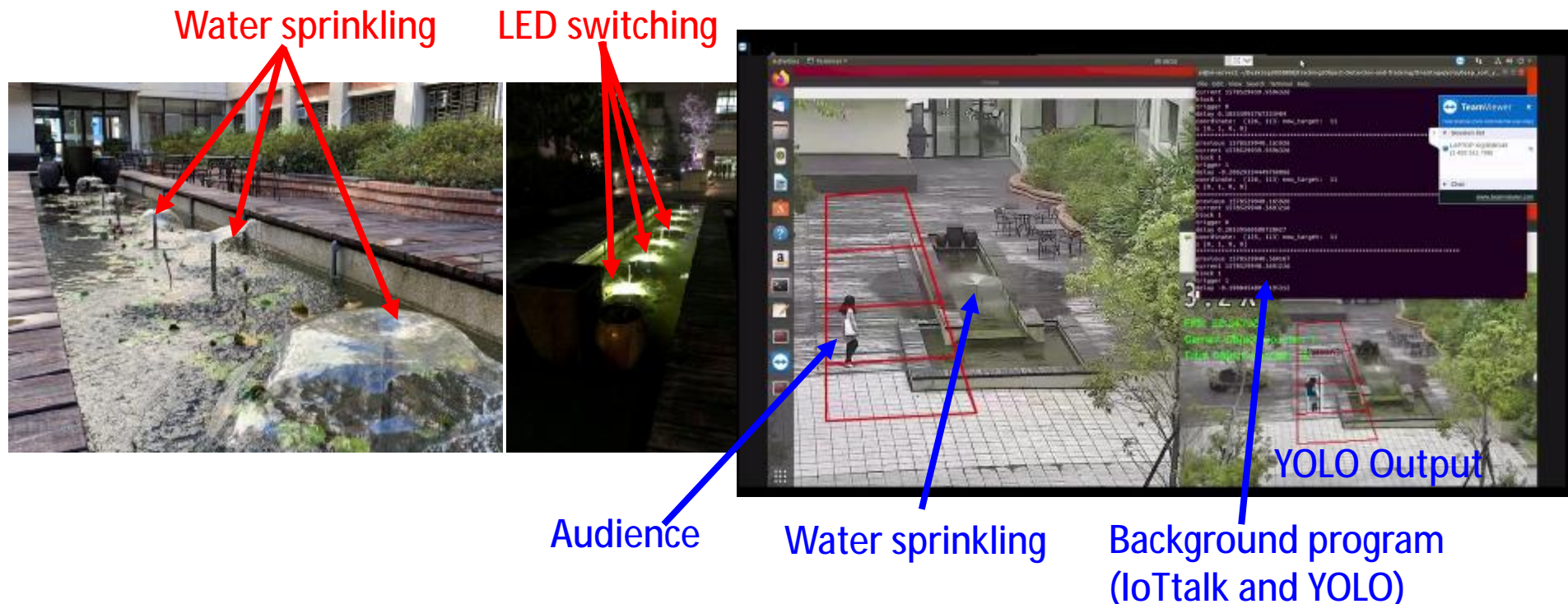
Water Dance (IoTtalk + Fountain) in Engineer Building 3, NCTU

The interaction between people and the fountain

Voice control: Control the behavior of fountain (water sprinkling and LED switching) based voice commands

Wishing pool: Water will dance after people threw a coin

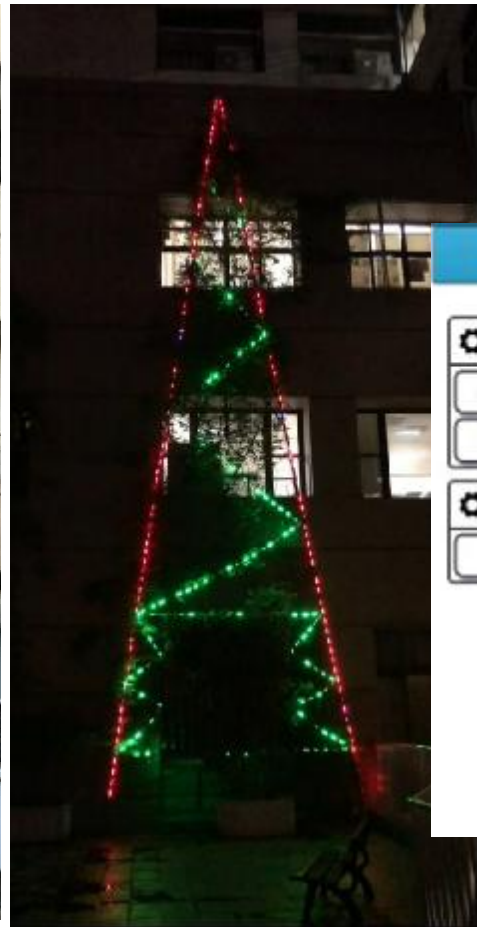
Water dance: The water jet of fountain changes based on the audiences position



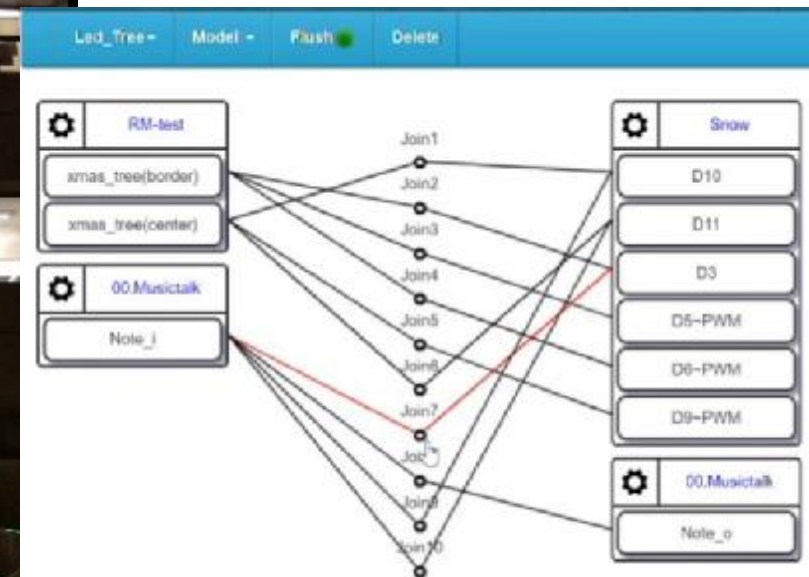
Christmas Tree (IoTtalk + LED Light bar) in Engineer Building 4, NCTU



Christmas tree

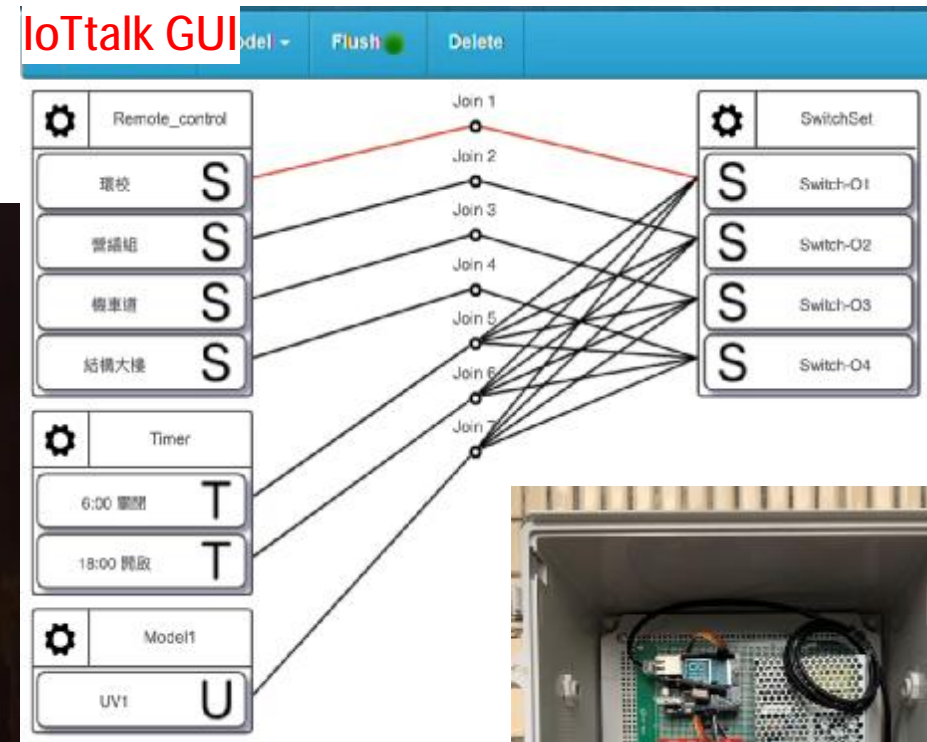


Christmas tree is controlled by Music through IoTtalk



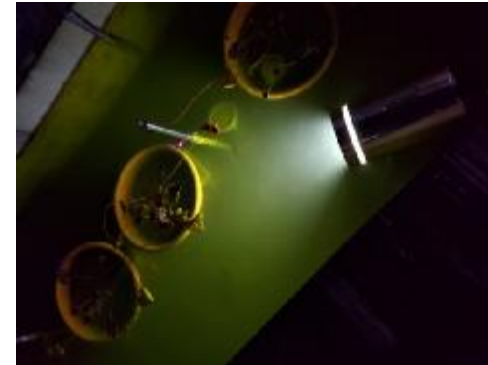
Street Light in NCTU Campus

Campus's street lights are automatically switching ON/OFF using IoTtalk based on the luminance degree and the timer.



Control box

Fountain's Ecological Monitoring in NCTU using Underwater Camera and IoTtalk



Real time video

Camera's Controller via IoTtalk



Smart Green House in NCTU

