Waterford Institute *of* Technology
INSTITIÚID TEICNEOLAÍOCHTA PHORT LÁIRGE

IOTCar Smart Security Device
Networking for Connected Devices

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Computer Systems & Networks
Project

Hdip Computer Science 2019

Logic Flowchart

Pyroelectric
Infrared (PIR)
motion sensor

Take Photo

Motion Detection

Wifi

Johnny-Five Framework
(JavaScript) for communication
with PIR. Python for
communication with camera

HTTP (POST)

**Store the photos in
cloud storage
(Cloudinary)**

**Publish the data (URL)
to website for realtime
streaming**

Stream on web