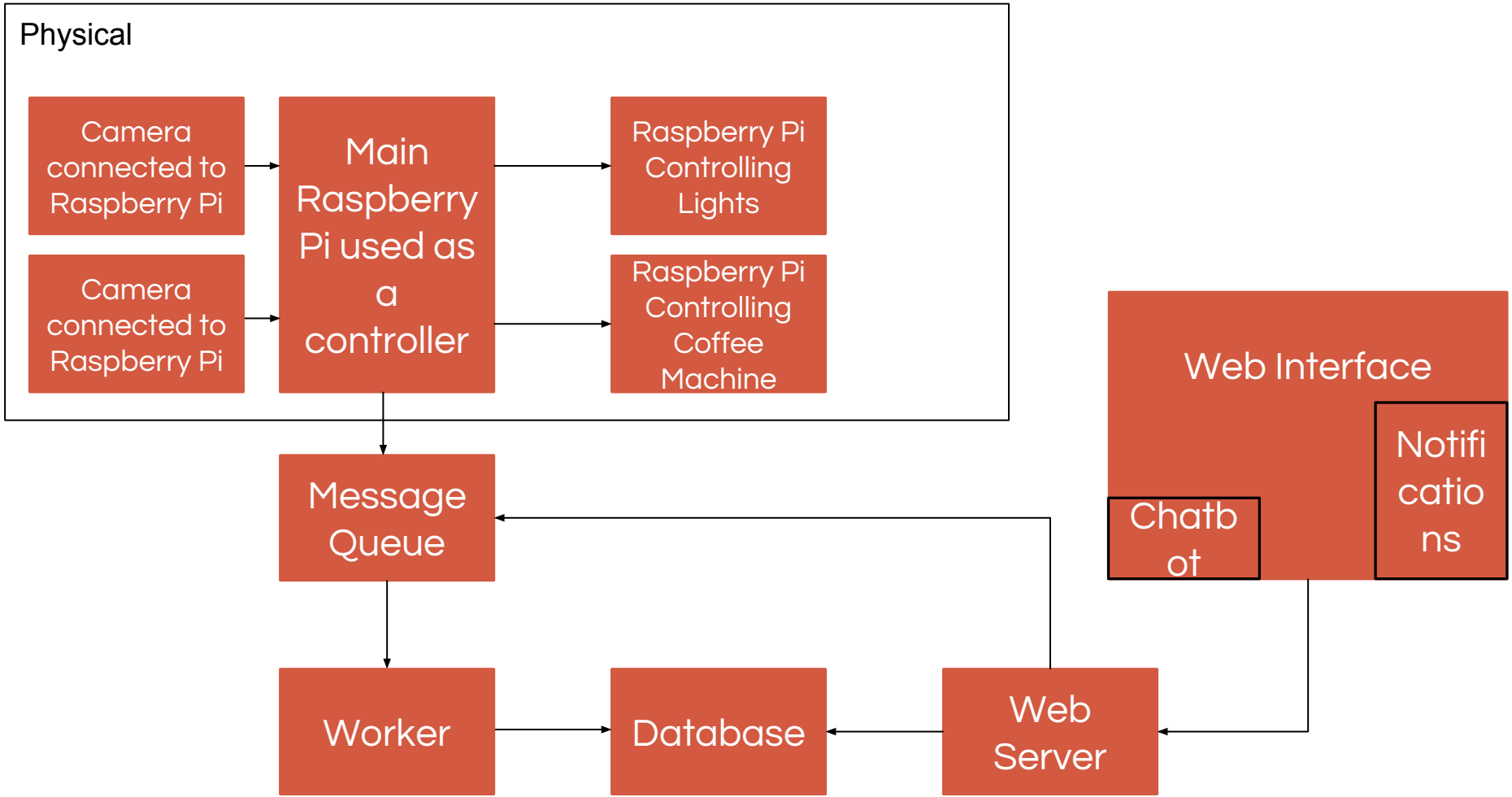
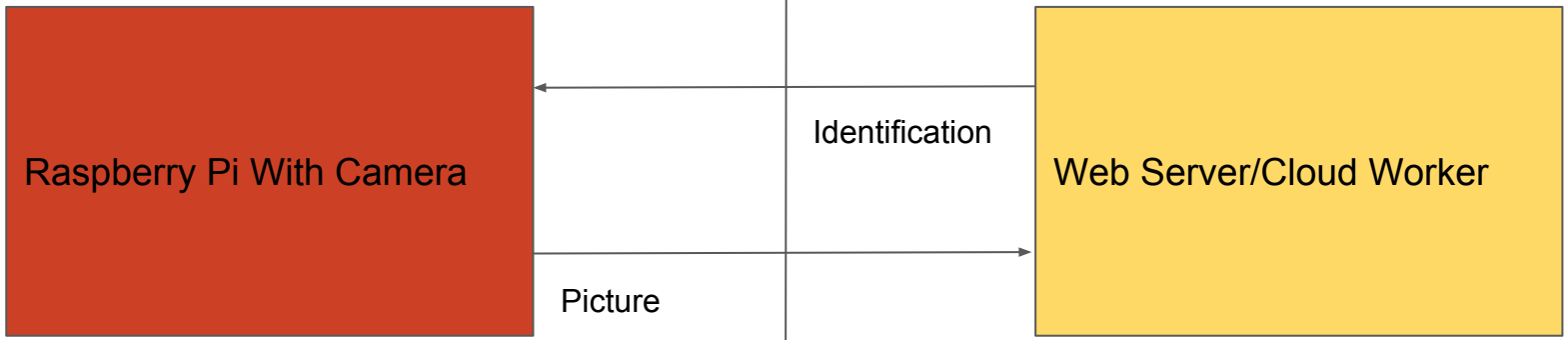

Physical
Camera connected to Raspberry Pi
Camera connected to Raspberry Pi
Main Raspberry Pi used as a controller
Raspberry Pi Controlling Lights
Raspberry Pi Controlling Coffee Machine
Message Queue
Worker
Database
Web Server
Web Interface
Chatbot
Notifications

Physical

Cloud



Raspberry Pi will identify generally that a person has walked it. It will take the picture, and send it to the web cloud worker

Technologies:

- OpenCV and Hog

Web server will take the picture and match it against a more specific model that knows what individual people look like and return their identification

Technologies:

- CNN