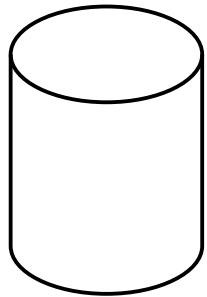


Architectuur Ontwerp

Database



Docker
MySQL
127.0.0.1:8000

Global Server



Ubuntu Linux
Node.js
145.24.223.56:8080

Local Server



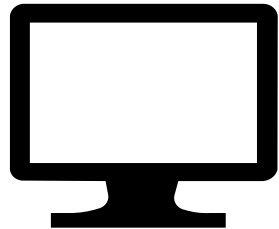
Windows 10
Node.js
127.0.0.1:80

Client



Chrome
HTML / CSS /
JavaScript

Display

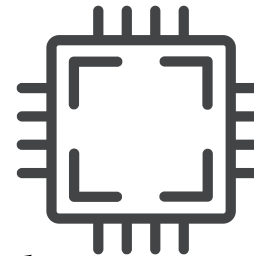


Touchscreen

Numpad

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
	0	⌫

Microcontroller



Arduino Uno

NOOB Server



Datalab
noob.datalabrotterdam.nl

MySQL-Connect

SSH Tunnel

WebSockets /
JSON

HDMI

UART /
JSON

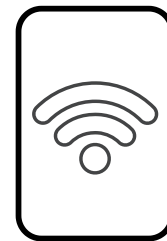
APIs
JWT

Parallel
Signals

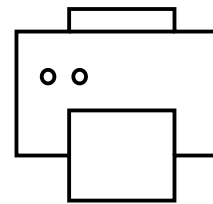
SPI

TTL

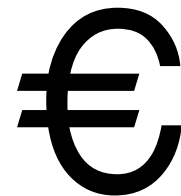
Parallel
signals



RFID
Reader



Bon
Printer



Cash
Dispenser