

Qweekly



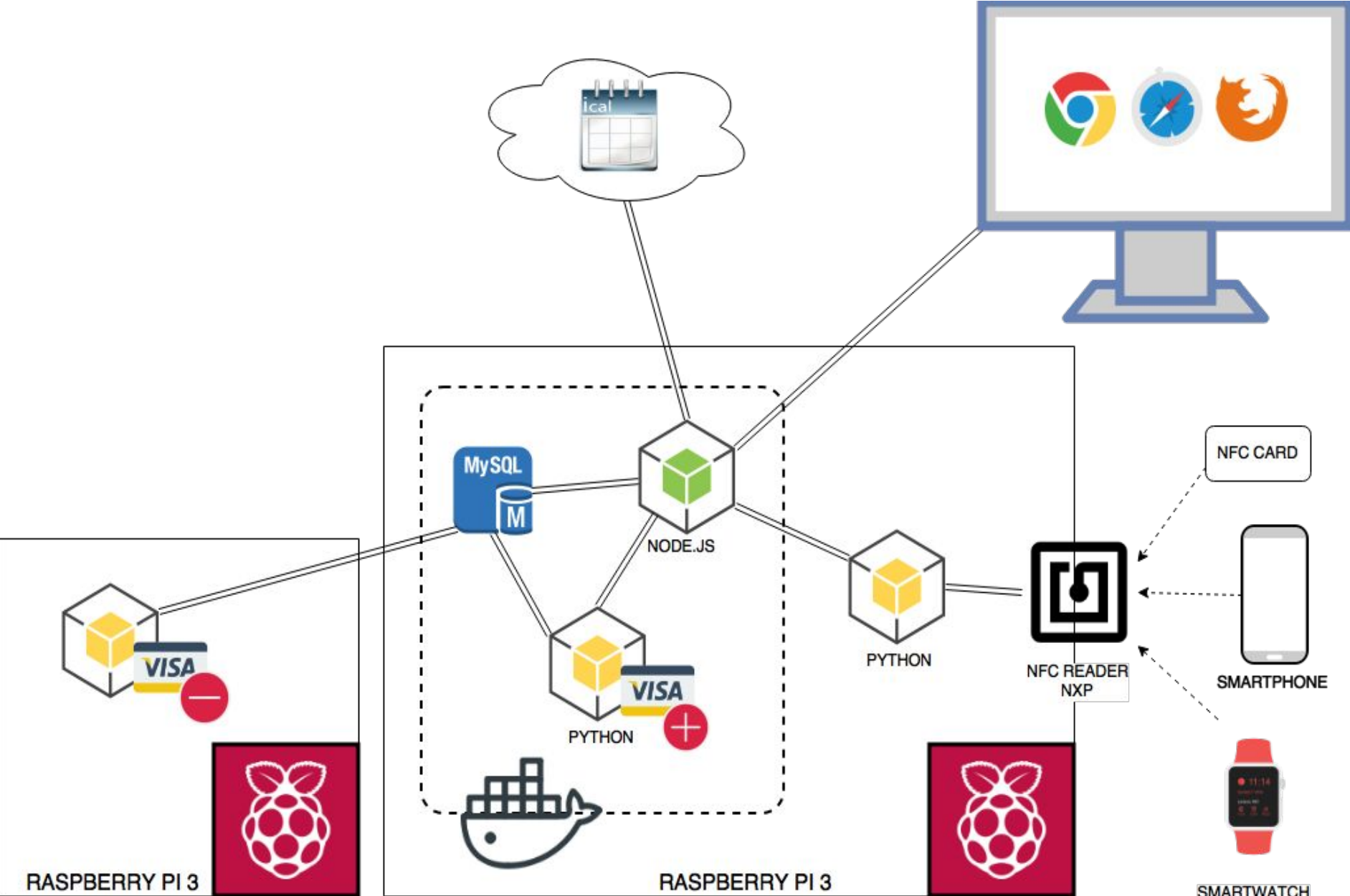
Chef de projet : ROTON Gwénolé

Communication : AMIEL-NABOT Flavian

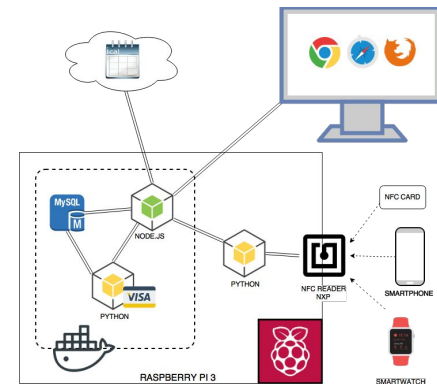
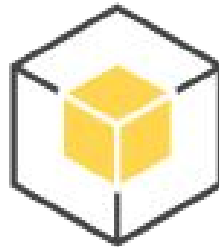
Software : BERDAGUER Charles

Hardware : CATALA Yoann

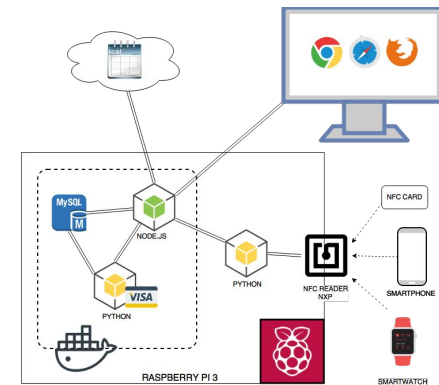
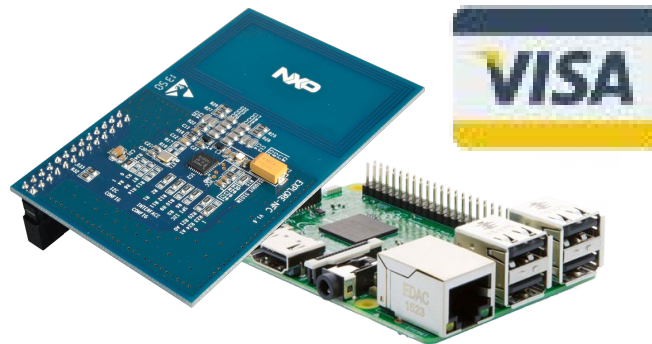
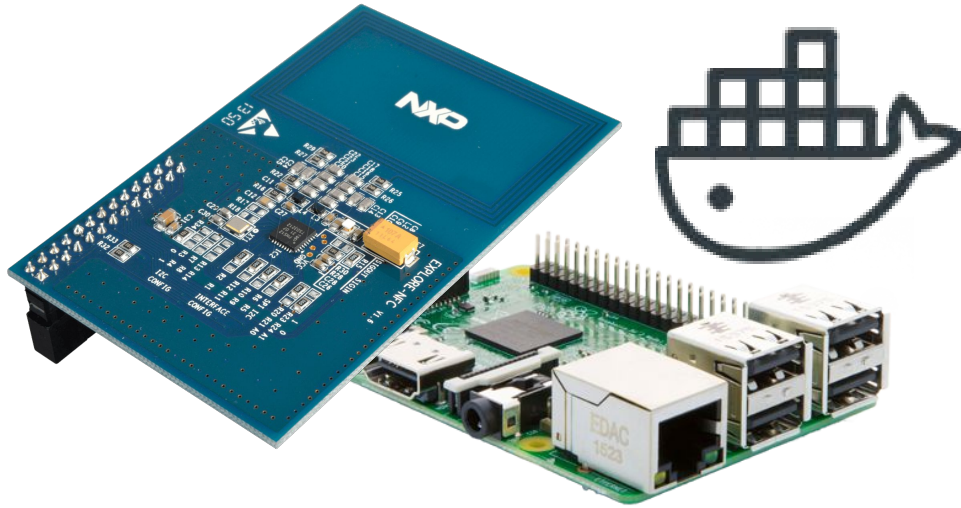
Infrastructure



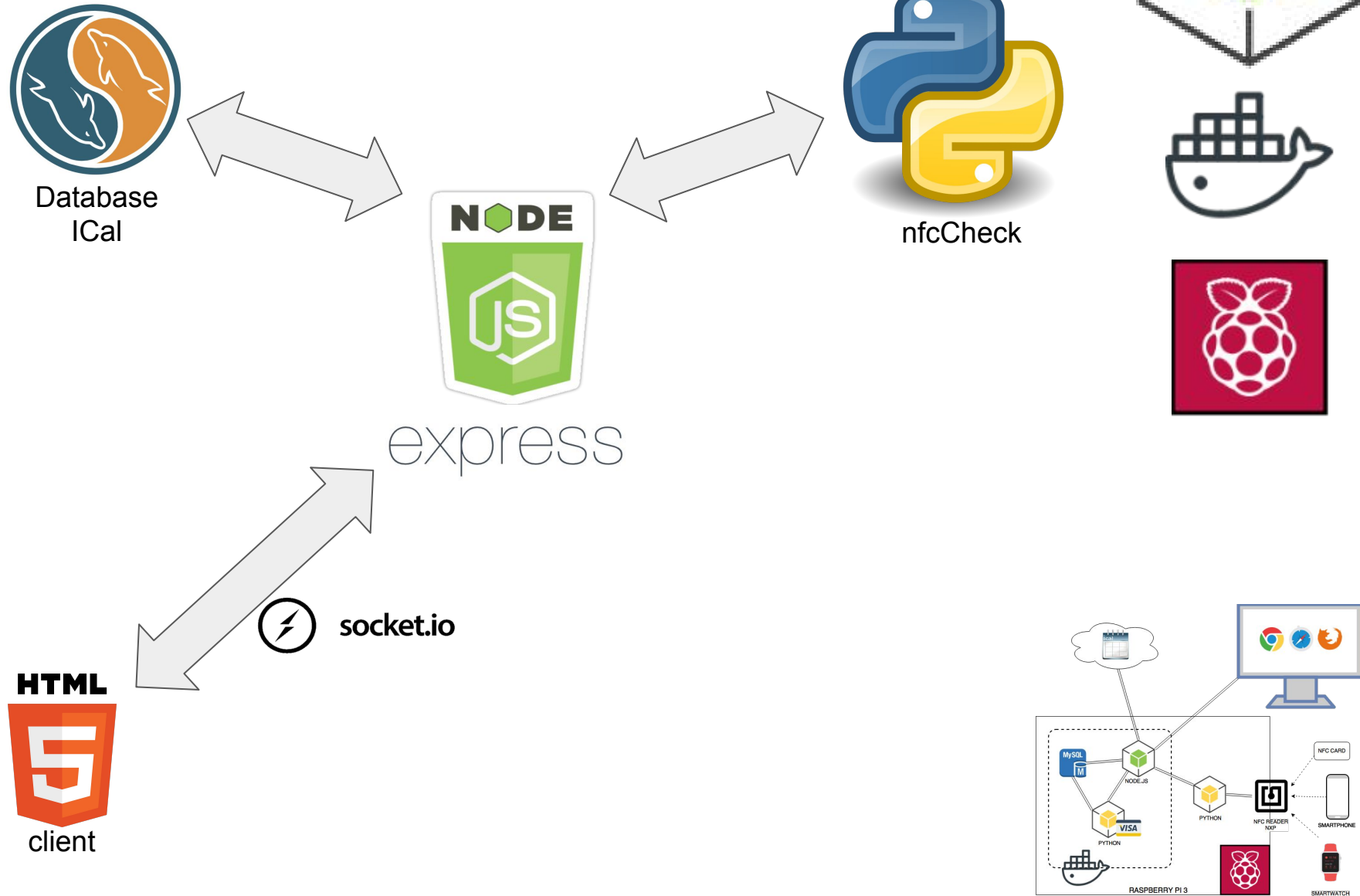
Architecture MicroServices



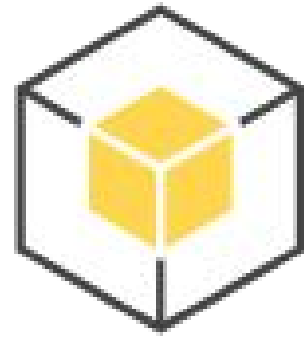
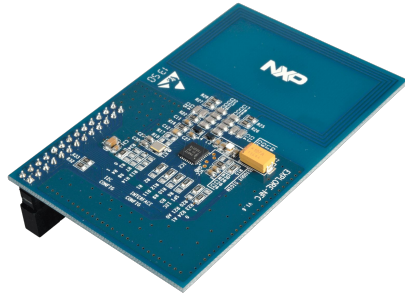
Architecture Matérielle



Service ICaManager

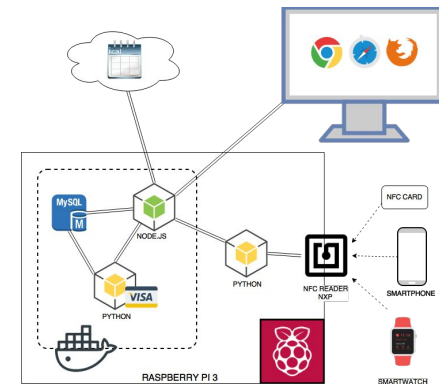


Service NfcCheck



nfcCheck.py :

- lit en permanence le lecteur de puce NFC.
- Si une carte est détectée, envoi une requête POST au serveur node.js avec les identifiants de la puce.



Service StripePayment

2 scripts python :



stripePy.py :

- Permet de gérer la transaction bancaire en se connectant au service de paiement grâce à l'API Stripe.

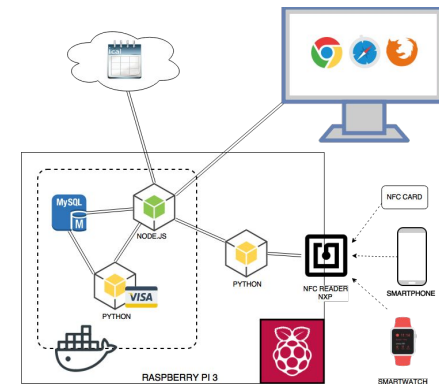
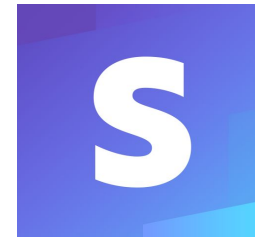
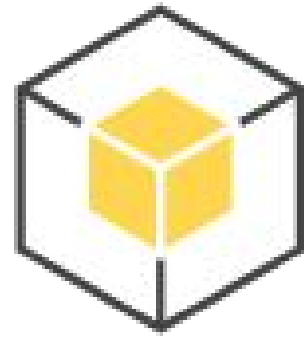
- Ajoute le nombre de crédit ajouté à la base de donnée.



payment.py :

- Permet d'effectuer des paiements.

- Met à jour la base de donnée après avoir effectué un paiement grâce au NFC.



Service Database



id	name	promotion	rfid	password	credit
1	Michel	PromoDessertineG1	0428206A643481	d780182f77b121450849c2b088a444f0	65
2	Jaques	bourgine	2563	4d261d68f63b1dc4a1cf820e92a7e4a6	644
3	Poisson	PromoBourgineG2	2E020D00000000		NULL
4	Yoann	PromoDessertineG2	01020304		NULL

