

DESCRIPTION:

French Polynesia is a vast territory with many smaller island and one bigger island, Tahiti, where the capital Papeete is located. This e-commerce website is a platform to connect fishermen and farmers from the smaller islands with consumers from Tahiti.

COLOUR SCHEME:

white, turquoise blue and green

LANGUAGES:

English, French and Tahitian

CONCEPT:

The website is a shop with 3 product categories : Water, Land, Artisanat
Prices are defined by the platform.

Water: Fish, Crabs, Lobster, Shells, Other, Cooler (=variety of fish, no matter what)

Land: Vegetable (Lemon, Taro), Coffee, Honey, Land crabs, Basket (=variety of veg, no matter what)

Artisanat: Woven goods, etc

2 types of users: Seller and Customer

The seller defines which island he lives. He can specify which products he is able to supply and also temporarily disable them. For each item he needs to specify the time he needs to prepare the order before the departure of the boat or plane.

TIMELINE:

The consumer chooses the products and adds them to his cart. The customer can also search and filter for products, island of origin and arrival date to Tahiti. He has to specify the quantity and until when he would like the order to arrive. For this, a calendar will show per arrival day the number of how many sellers would be available. The longer the date is away, the more sellers will be available to fulfill the order and the more likely one will take up the order. Boat is the preferred shipping method but the customer can opt to add air cargo which makes the pool bigger but shipping more expensive.

The customer proceeds to check out. Shipping costs are used from the most expensive available seller. He can also choose a pickup service from the port or airport for an additional fee. He pays the order in full via credit card or bank transfer. If bank transfer the order is on hold until the payment was validated by admin.

Once the payment is valid, the order goes to the pool of demands.

Sellers have access to the pool of demands and will only see orders which they are able to fulfill. The price for the shipping will be visible as well as the profit they will make with this order.

The seller can pick a demand and confirms it. This is on a first come first serve basis. Once the order has been accepted by a seller, it is no longer visible for the other sellers. Before accepting the order the seller has to verify and book via phone that the boat or plane has availability for the shipment. He then proceeds to shipping of the item. He will t

ake a picture of the complete order before shipping. This will also help to solve disputes. He will confirm the boat or plane it will ship the item and attach the tracking number from the boat or plane.

The customer will receive a notification when the order was placed, when the order was accepted and when the order was shipped with estimated arrival date and time. He can again ask a courier service to pick up the order for a fee.

The customer has received the order and marks the order as complete. Then the payment is released to the seller. A percentage of the value of the goods is taken as profit for the platform. The customer receives the difference for the actual shipping cost as credit on the platform.

If the order was not complete, the customer takes a picture of the order and files a dispute. The admin will then find a solution for the dispute. If the fault is done by the seller, the client gets a refund or partial refund. The seller will be blocked for a month from the platform. On the second fault he gets blocked for two months and so forth.

If the seller confirms a demand but is then not able to fulfill the demand, the demand goes back to the pool if there is still other sellers available. The customer will receive a notification. If no sellers are available, the customer receives a notification that the order was canceled and gets refunded. It's the seller's fault and therefore gets blocked from the platform accordingly.

LOGISTICS:

This is the spicy part.

Schedule of the airline:

<https://www.airtahiti.pf/fr/telecharger-programme-vols>

Schedule of the cargo ships:

<https://www.revatua.gov.pf/plannings/accueil>

Map of islands and cargo ships:

<https://www.service-public.pf/dpam/wp-content/uploads/sites/20/2022/01/CARTES-LIGNES-MARITIMES-2021-Web.pdf>

Tarif sea: <https://www.service-public.pf/dpam/wp-content/uploads/sites/20/2022/11/Arrete-n°-767-CM-du-20.06.2012-consolide-01.11.22.pdf>

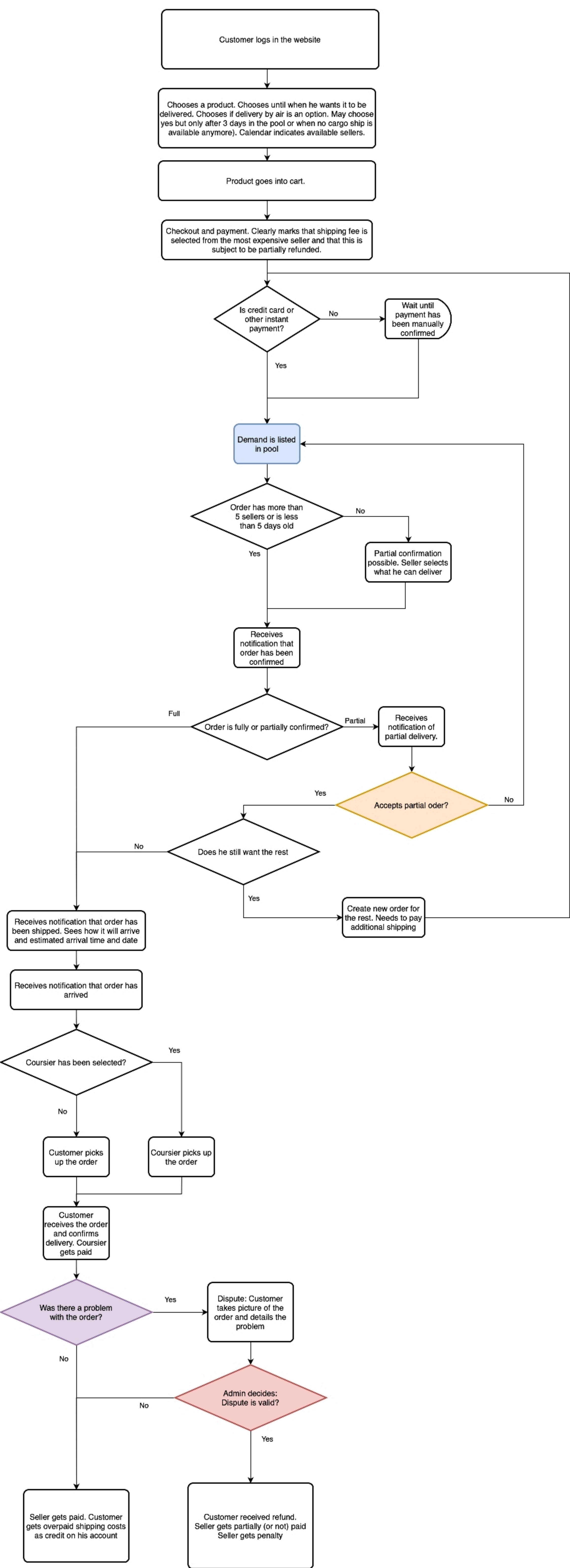
Tarif air: <https://www.airtahiti.pf/calculer-tarif-fret>

ADMIN:

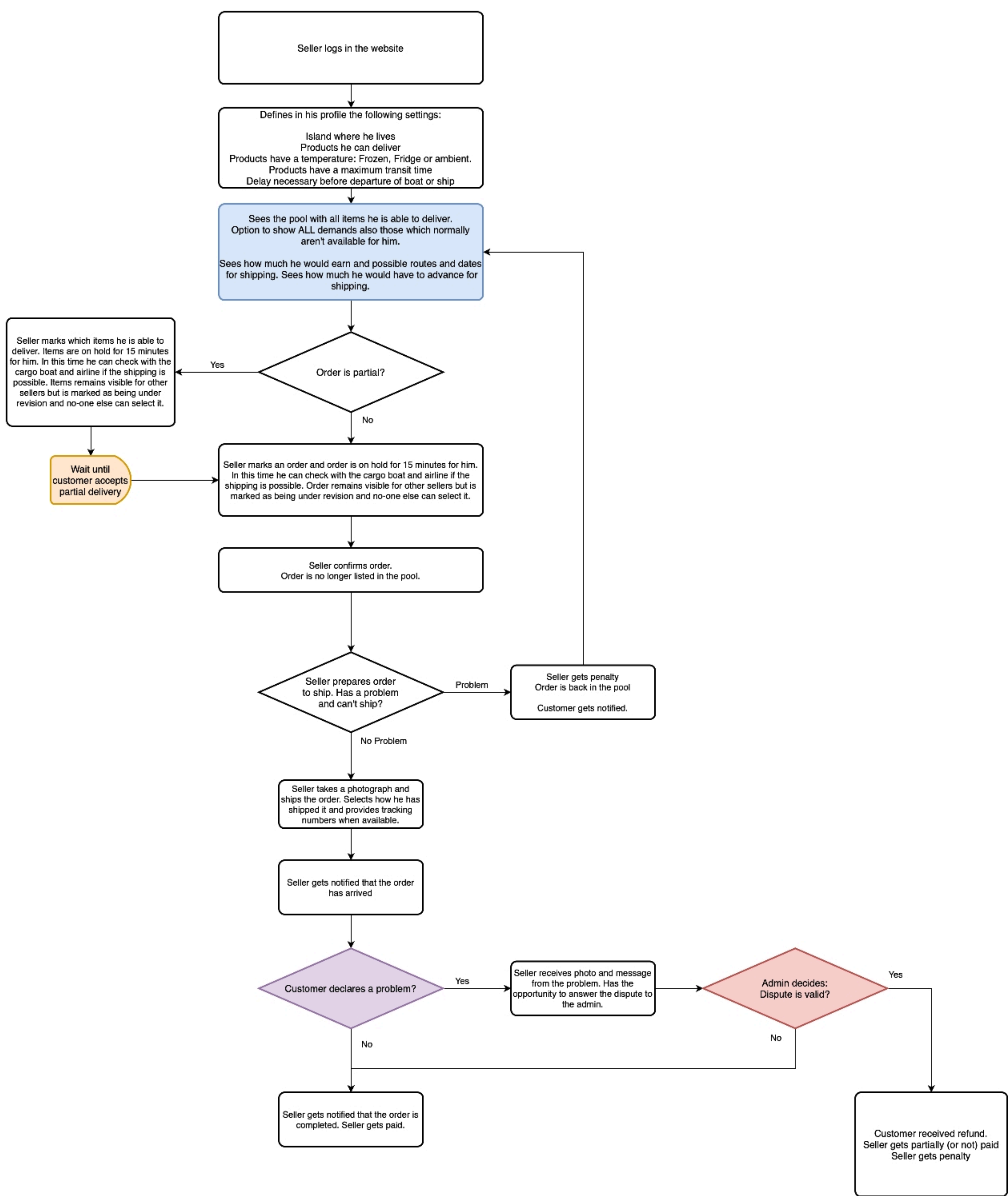
- able to add categories and products. Change their prices for the customer. Each product has a temperature for shipping (fridge, freezer, ambient). Each product has a maximum time for transit (for live animals for example)
- can change platform fee. default: 1% of amount of order (freight not included)
- Platform to solve disputes and decides about refunds
- Can change prices for shipping for each group of islands and each island individually
- Validate payments

Project Kaveu Flowchart v1.0

Customer



Seller



Island name
Boat or plane
Name of transport
Number of voyage / flight number
Departure from island
Arrival in Tahiti
Price per kg in fridge
Price per kg in freezer
Price per kg in ambient
Price per kg minimum