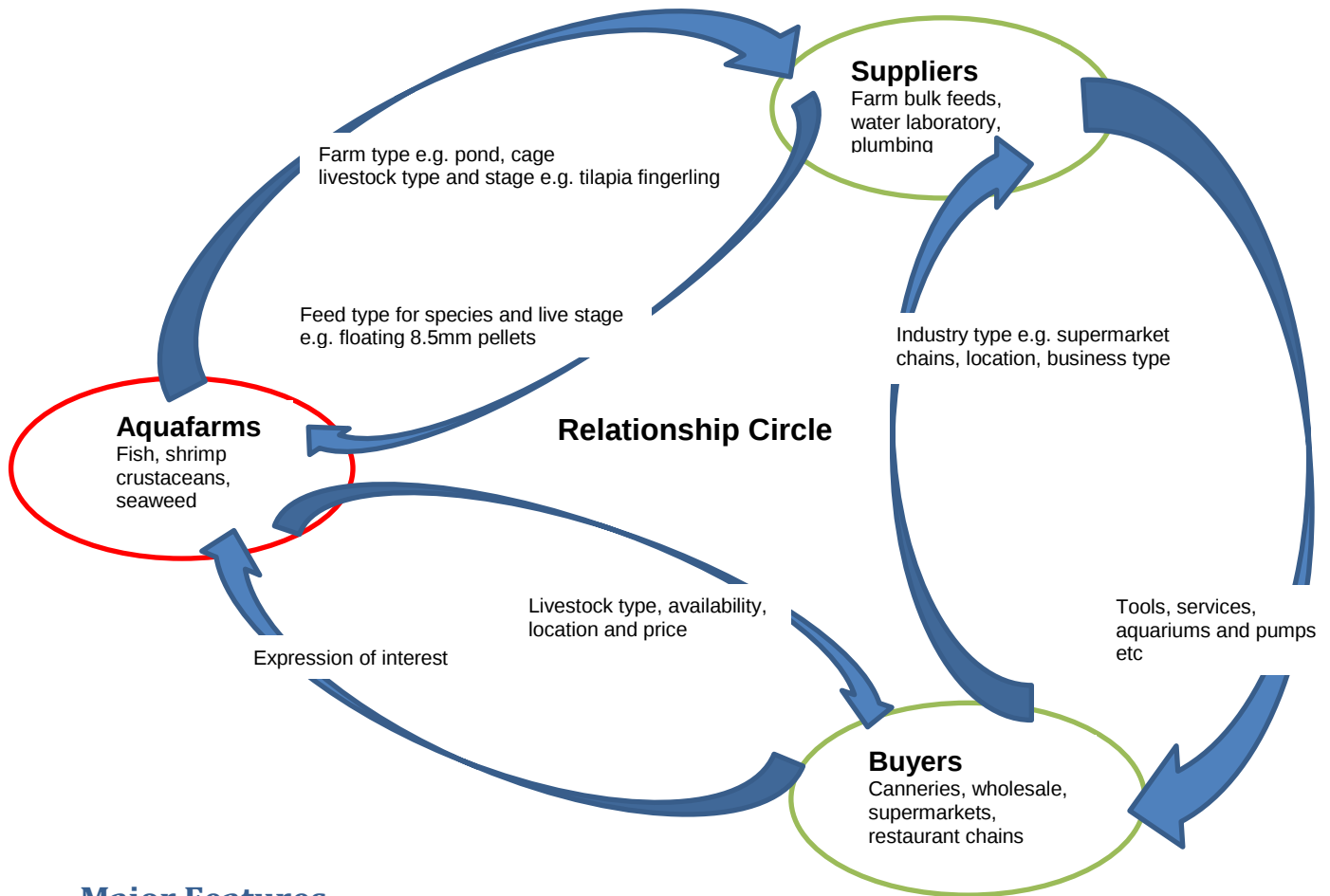




Major Features

The RAS system is designed to attract a large crowd of suppliers and buyers to help aquafarms plan, showcase and market their livestock to a *targeted audience*, set up their supply chains, manage customer relationship and contact new customers. Its free to surf the list of farms, buyers and suppliers!

RAS is a “multi-tenant” web-application implemented on Amazon AWS to leverage its popularity, accessibility and security. The webapp itself is secured by [Spring Boot Security](#) and can run in one or more Amazon regions, You live on the server as a “virtual private system” which is in effect a custom-built system for your business.

You are your own system administrator and in control of adding or demobilizing your users, assigning roles and creating offers of livestock.

RAS will notify farms by email automatically if a buyer or a supplier shortlists your farm because it is seen as an invitation to start a business relationship. For example, a supplier can send you detail of a new feed relevant to your livestock stage e.g. “5mm high-protein floating pellets for tilapia”. You can manage the relationship on the relationship panel.

You can create and manage a relationship with your buyers by shortlisting them, this RAS panel lets you advise buyers of livestock availability that they are interested in. Always add a heritage and description of your farm because fresh seafood goes with a vineyard of fine wine.

Suppliers can be livestock feed, water laboratories, plumbing supplies etc

Buyers can be restaurant chains, canneries, fish markets e.g. Fulton Fish Market etc, they will want to see you on the list when they are looking for suppliers

Signing Up for the First Time

When your farm signs up for the first time, the first user is the “administrator” with super user privilege to your virtual system.

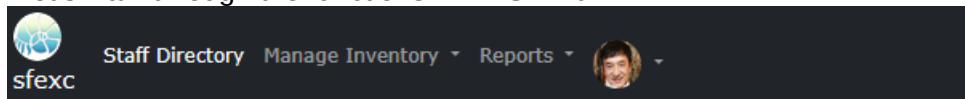
The username must be unique to RAS, your personal email will guarantee uniqueness.

Choose an alphanumeric password, and select a six digit RAS Identification Number (RASIN). You will need the RASIN to activate your account for transactions with other entities and to reset your own password. Your administrator can help you with that.

The farm email will be used for future communications between you, RAS and other entities on RAS e.g. notification of buyers shortlisting your farm is sent to your farm email.

Functions

:Let's walk through the functions in RAS v1.0



Aquafarm Home Page

- This page contains a list of all the current offers from suppliers on the RAS system. Clicking on the **offer_id** will take you to the supplier's show-and-tell page of the offer.
- The **filter box** lets you filter the display by NAICS code
- To the far right is a **search box**, it searches by name e.g. “appleby” will list all entries with the company name Appleby.
- **Shortlist** button will place a copy of the offer in your shortlist, where you can review in greater detail, send email to supplier and place orders.
- **Task bar** at the top contains following:
 - **Staff Directory** is a lightweight staff management system, a manager can add or demobilize a staff member.
 - Always assign a **role** and **role start date** to a user. Managers have privileges that employees and contractors do not, such as demobilizing staff or creating a new offer
 - The administrator can click on the **user id** to modify staff detail
 - **Manage Inventory** contains a list of functions to help aquafarms sale
 - **All Livestock** contains a list of all current and active offers of livestock by all farms
 - **My Livestock** contains a list your livestock for sale
 - **Add New Livestock** button lets the manager adds a new livestock offer for sale, a new livestock is current for one month
 - Click on **offer_id** to see the livestock offer show-and-tell preview, this is what your customers will see.

- **Clone** lets you create a new offer after the original one has expired, you can adjust the weight and size in the clone
 - **Delete** lets you delete the livestock offer.
- **My Shortlisted Suppliers** contains a list of suppliers you regularly deal with and receive email of any discount, offers and new feed types. By shortlisting a supplier, you enable customer-supplier communication.
- **Edit Farm** lets the manager modify detail of the farm, such as address. You can enter a short description of your farm, see our sample.
- **Edit My Profile** lets the user modify her own personal detail.