

Team 3

Product Presentation

Team Members

Colin Kelleher

Jonathan Hanley

Peter O'Donoghue

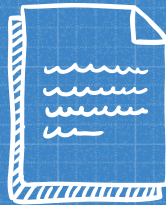
Liam de la Cour

Colum O'Donovan

Karol Przestrzelski

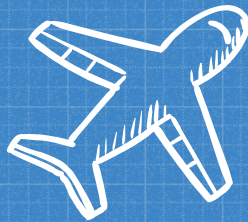


What is the problem we're trying
to solve ?





Stock Management & Stock Location



Current Solution:

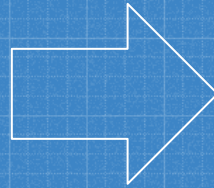


STOCKROOMS

Limited Technology

No Floorplan

Handwritten Logs



Poor Organisation

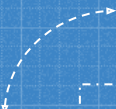
Missing Stock

Low Productivity

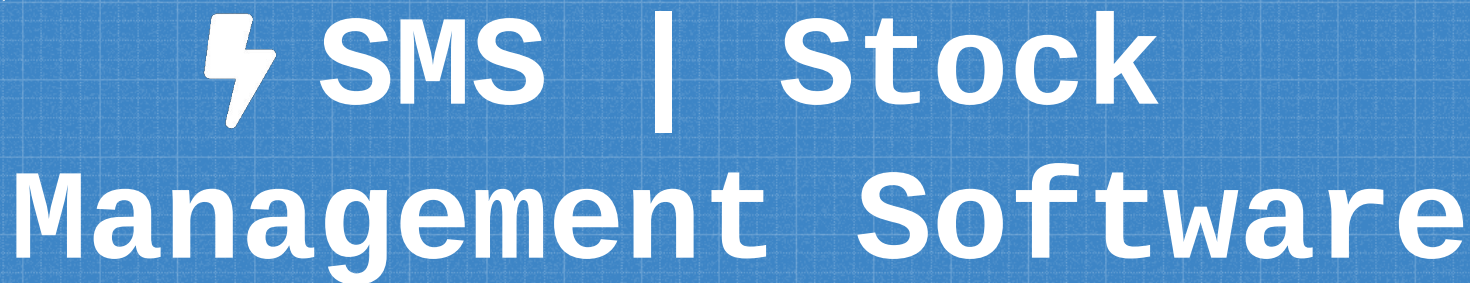
SOLUTION



- Create an inventory management system that will:
 - Allow for easy monitoring
 - Monitor movement
 - Process orders centrally
- Stock leaves **audit trail** from point of arrival to point of departure



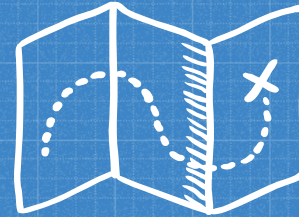
⚡ SMS | Stock Management Software



Our Product



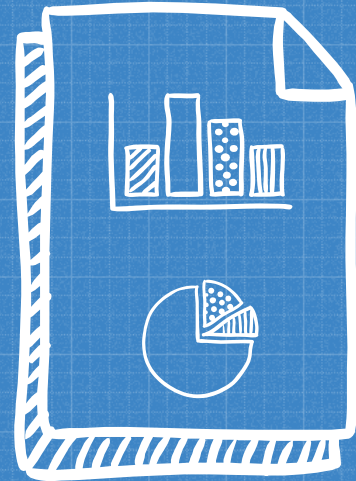
Base System



- Online Map of Storeroom
- Storage Units and Products given unique ID and QR Code
- Interactive Interface showing Product Locations
- Products easily found and tracked

Additional Features

- Graphs and Statistics on Storage Utilisation
- Tracking of Product Expiry Dates
- PDF Generation from a selection of Templates





Product Arrives

Stick on New QR Code

Scan Location

Scan Product

Product Location
Stored in System

Workflow

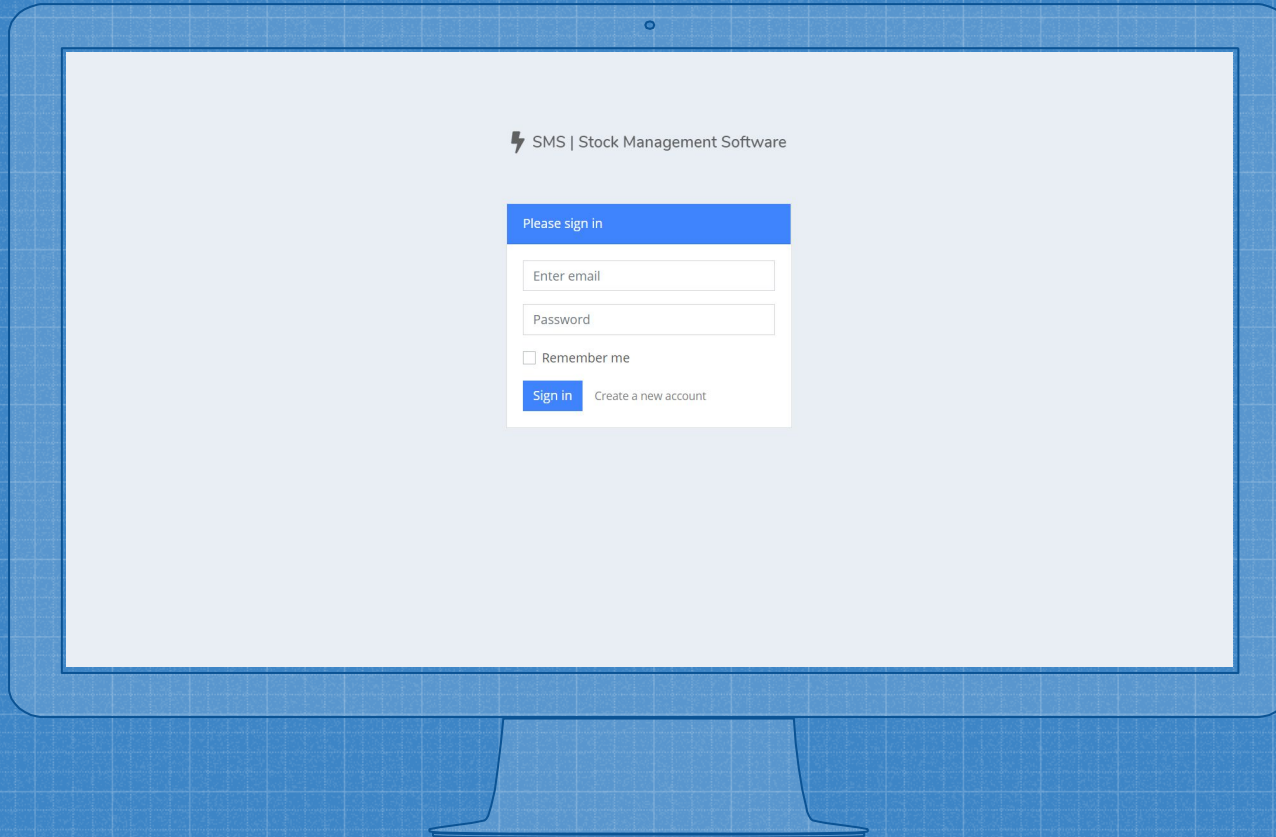


The Product



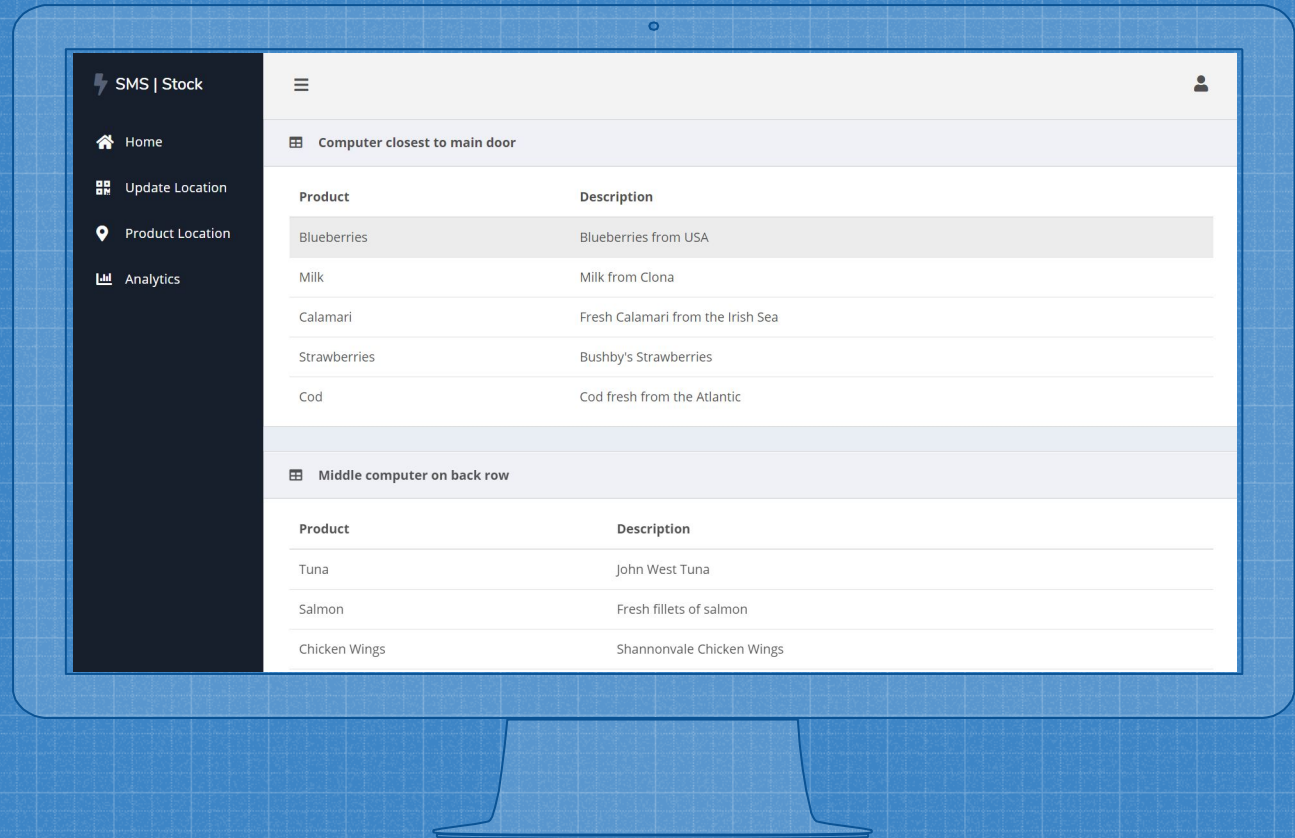
Our Landing page - Login

The product has
a login system
implemented with
HTML cookies



Home Page

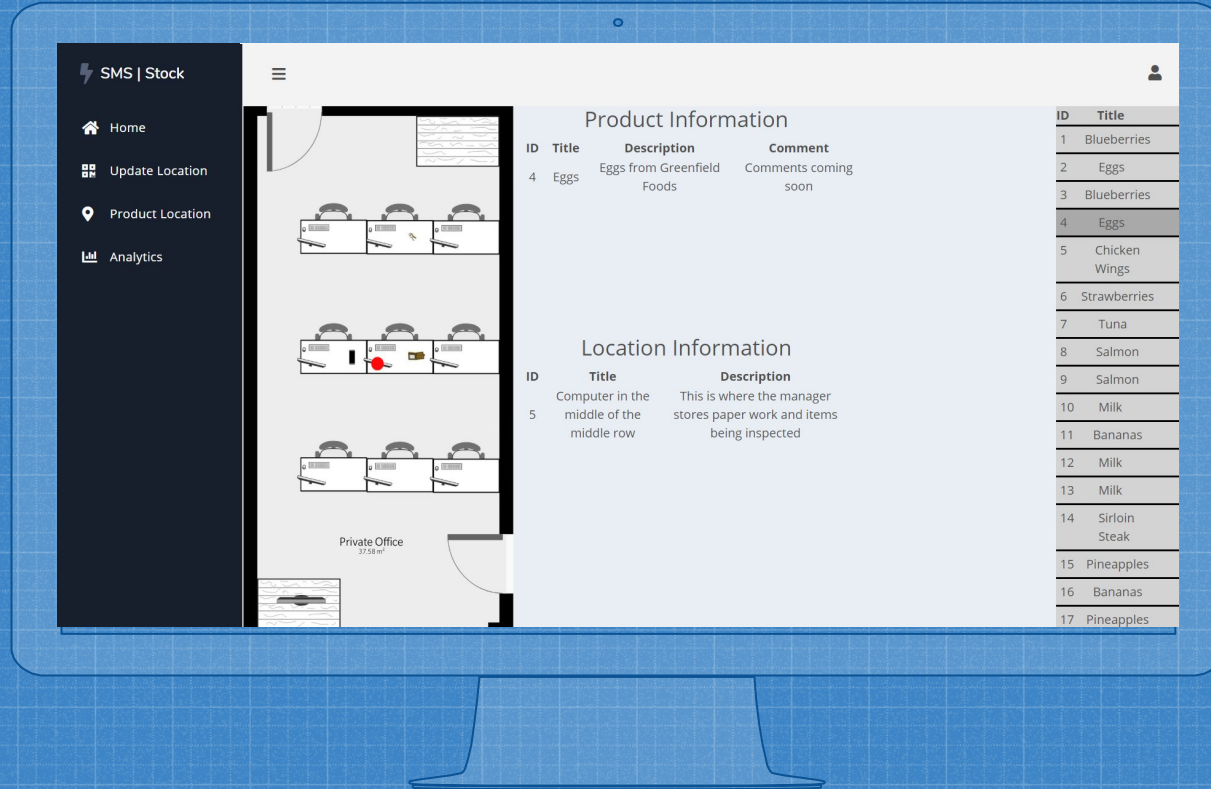
After logging in you are shown an initial display of all the products in the system



Product Location

Product Location page shows the floorplan and a list of products

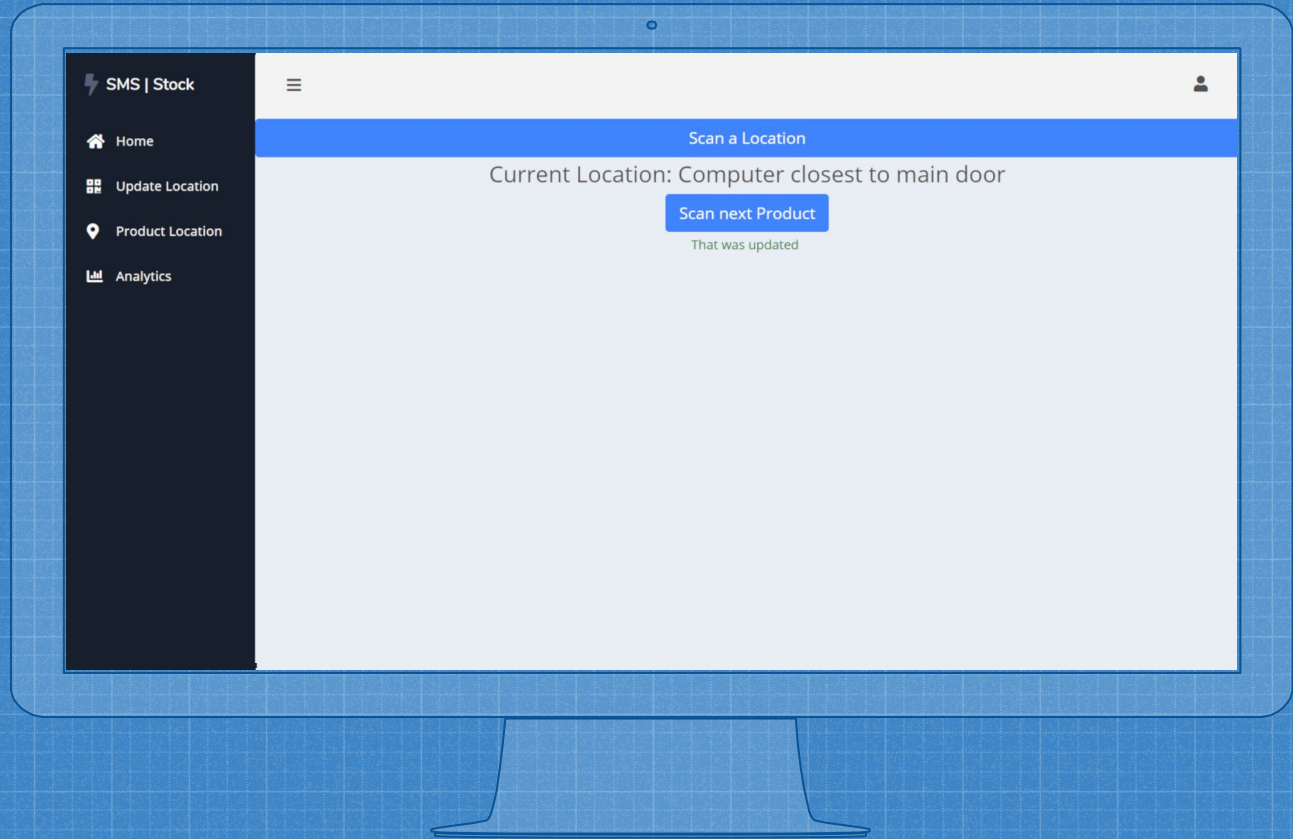
Clicking on a product shows its location in the storeroom

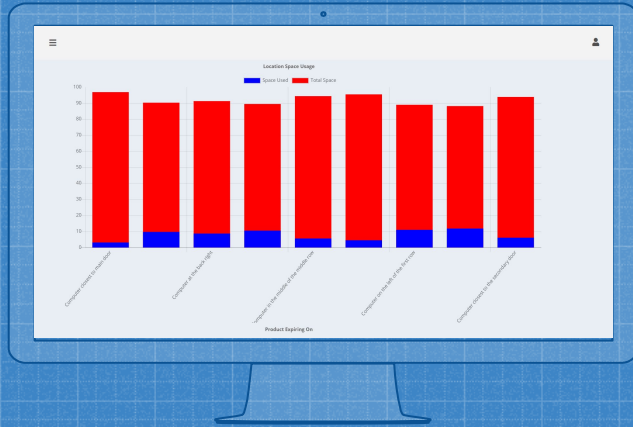


Update Location

On this page you scan the location and the product

The products location is added to DB or updated in DB





SMS | Stock

Add a Product

Title:

Location:

Description:

Expiry Date:

Quantity:

Comments:

Other Pages

SMS | Stock

Promote a team member

Select User:

SMS | Stock Management Software

Below is some information regarding the current expiry dates of current stock:

There are 39 products expiring by 2020-03-10.
That is 39% of the total number of products in stock.
There are currently 100 products currently recorded in the system.

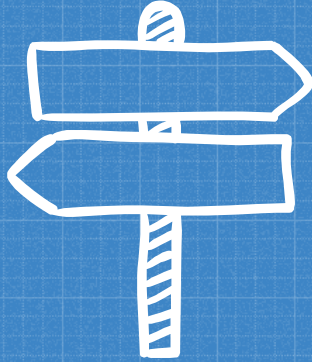
Below are the number of products expiring on each day:

Quantity	Date
2	2020-03-01
4	2020-03-02
3	2020-03-03
2	2020-03-04
5	2020-03-05
2	2020-03-06
5	2020-03-07
4	2020-03-08
6	2020-03-09
6	2020-03-10

Below are some products expiring in the next few days:

ID	Location	Expiry-Date	Title
13	12	2020-03-01	Eggs
50	29	2020-03-01	Salmon
45	17	2020-03-02	Cod
48	5	2020-03-02	Salmon
56	27	2020-03-02	Salmon
96	30	2020-03-02	Steak
24	8	2020-03-03	Blueberries
44	5	2020-03-03	Chicken Breast
75	8	2020-03-03	Cranberries
6	17	2020-03-04	Tuna

SMS - Stock Management Software



Our Approach



OUR APPROACH

Development



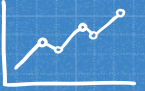
- Pseudo-Scrum
- 1 Weekly Meeting
- No designated manager
- Distributed Development
 - Communication with Slack
 - GitHub Repository
- Occasional Coding Meetups

Programming



- Front-end
 - Javascript
 - CSS
 - HTML (Bootstrap)
- Back-end
 - Python
 - SQLite

FUTURE IMPROVEMENTS



- Mobile App
- Scalability - Multiple Connected Storerooms
- Alerts if Storing Stock Incorrectly
- Notification System to notify of expiring stock

Thanks!

ANY QUESTIONS?

