

User Documentation - MMS

Version: 1.0

Group 3

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Overview

This document will cover instructions and procedures for end-users to use the different features of the application along with the testing application.

Objective

The main objective of this document aims to increase users' usability and provide a focal point for the platform's usage. The document will guide how to use each feature of the application.

Getting to know Testing Framework

Prerequisite to run testing application:

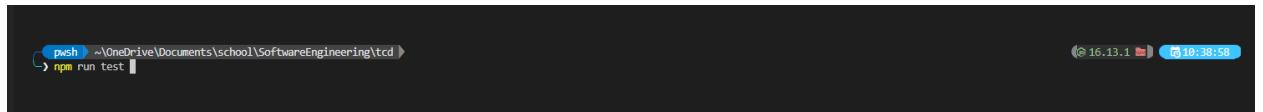
- Nodejs must be install
- Jest must be install
- Test script must be configure run testing application

Add the following section to your `package.json`:

```
{  
  "scripts": {  
    "test": "jest"  
  }  
}
```

To Run Testing application follow the following steps:

1. Open the folder of the code location
2. Verify that inside package.json file the test script is set to jest
3. Type the following command to run application - **npm run test**



A screenshot of a terminal window on a Mac OS X system. The window title is 'Terminal'. The command 'npm run test' is being typed into the terminal. The status bar at the bottom right shows the IP address '16.13.1' and the time '10:39:58'.

Output:

```
↳ npm run test

> tcd@1.0.0 test
> jest

PASS ./mms.test.js
  ✓ Select Market to view grid Map - UC-2: ViewMarketMap (7 ms)
  ✓ Get Route - UC-3: GetMarketRoute (2 ms)
  ✓ Tour Market - UC-4: TourMarket (2 ms)
  ✓ Tour Stall - UC-5: TourStall (1 ms)
  ✓ Buy Item - UC-7: BuyItem (2 ms)
  ✓ Auth Vendor and Management Users - UC-1: AuthVendorandManagement (2 ms)
  ✓ GenerateReport - UC-11: GenerateReport (2 ms)
  ✓ ApproveReservedStall - UC-15: ApproveReservedStall (1 ms)
  ✓ GenerateInvoices - UC-18: GenerateInvoices (2 ms)
  ✓ ViewInquires - UC-19: ViewInquires (3 ms)

Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        3.141 s
Ran all test suites.
```

Getting to know MMS

About MMS:

MMS is a web application that aims to provide a new face on how we shop in our local markets in Belize. MMS will focus on customer interaction with the different local markets and provide a management system for vendors and administrative tools for the local markets.

Version:

V.1.0

Latest Release:

Installation:

MMS is web based application so no installation will be required in order to use the application

Prerequisite For Using the Application:

- A device that's able to connect to the internet
- Proper internet connectivity

Customer Component

Customer Main Page:

Landing Page

A

Home Explore Market About Us Be a Vendor Contact Us

Sign Up Login

B

Find the nearest Market

Enter Location

OR

Get Route

C

Explore the Market Stall

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed ut rhoncus augue. Curabitur finibus blandit libero id vestibulum. Aliquam nec malesuada neque. Donec nec massa facilisis, euismod ante in, imperdiet tellus. Pellentesque aliquet pretium porttitor. Pellentesque vel placerat quam, sed vestibulum turpis. Donec at tempor diam. Duis sit amet purus mi. Cras vel est ac ipsum sodales imperdiet. Vivamus ut rhoncus arcu. Vestibulum pharetra metus eget eros pulvinar volutpat. Aliquam dapibus nunc vitae erat porttitor imperdiet.

D

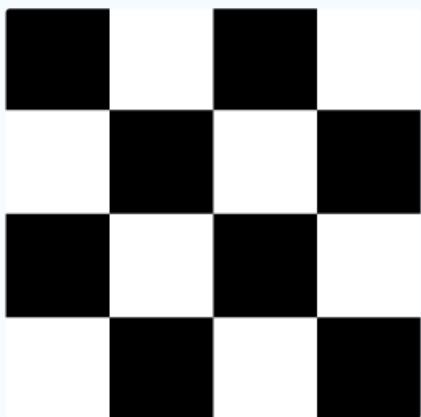


About US

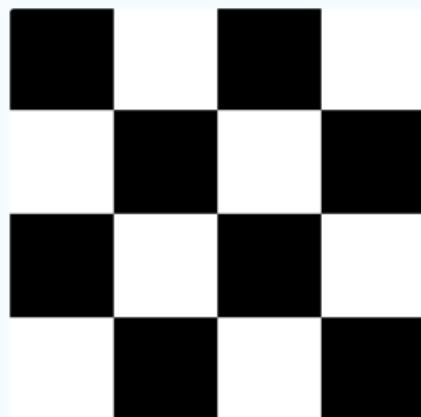
Aliquam nec malesuada neque. Donec nec massa facilisis, euismod ante in, imperdiet tellus. Pellentesque aliquet pretium porttitor. Pellentesque vel placerat quam, sed vestibulum turpis. Donec at tempor diam. Duis sit amet purus mi. Cras vel est ac ipsum sodales imperdiet. Vivamus ut rhoncus arcu. Vestibulum pharetra metus eget eros pulvinar volutpat. Aliquam dapibus nunc vitae erat porttitor imperdiet.

Be a Vendor

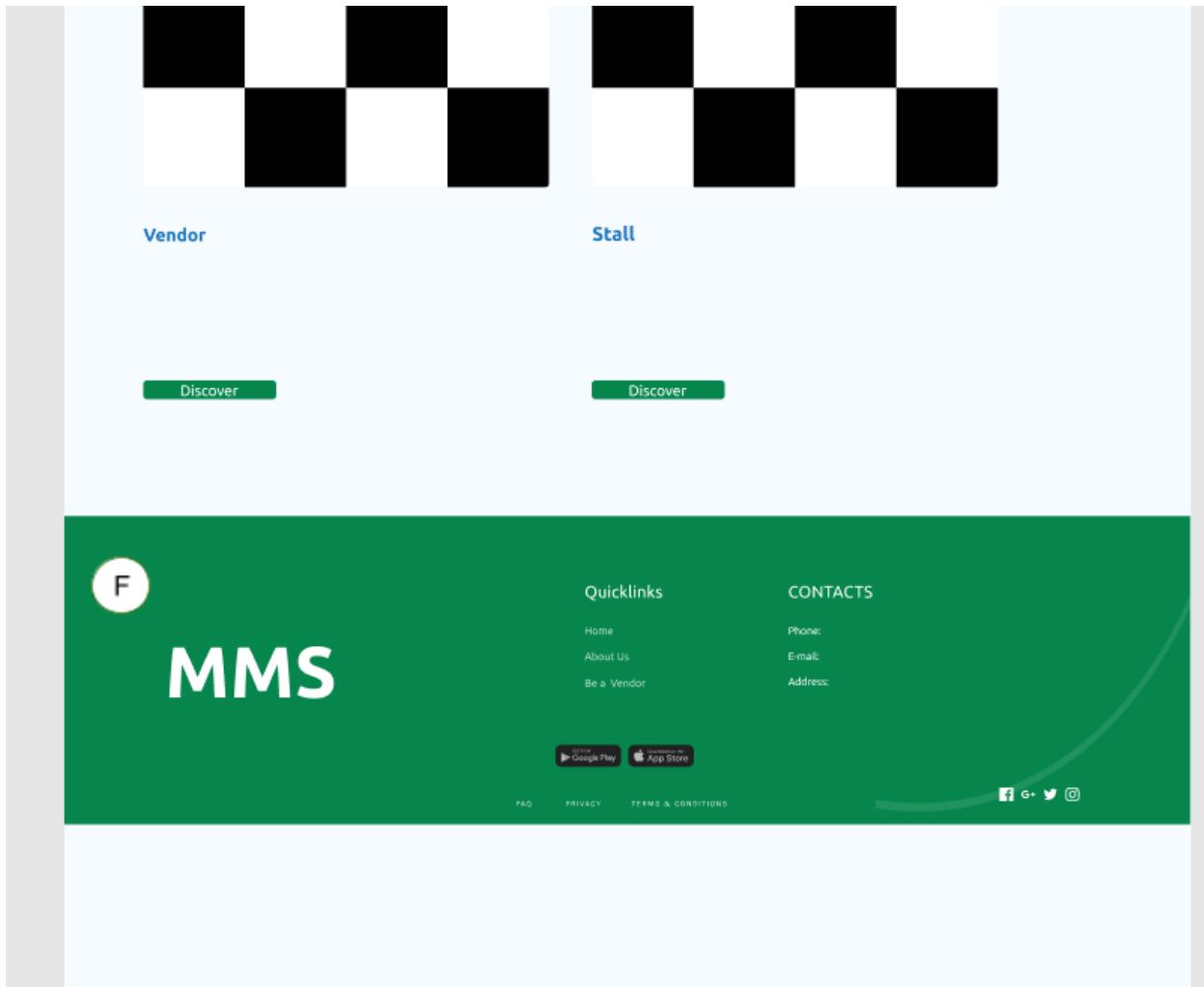
E



Vendor

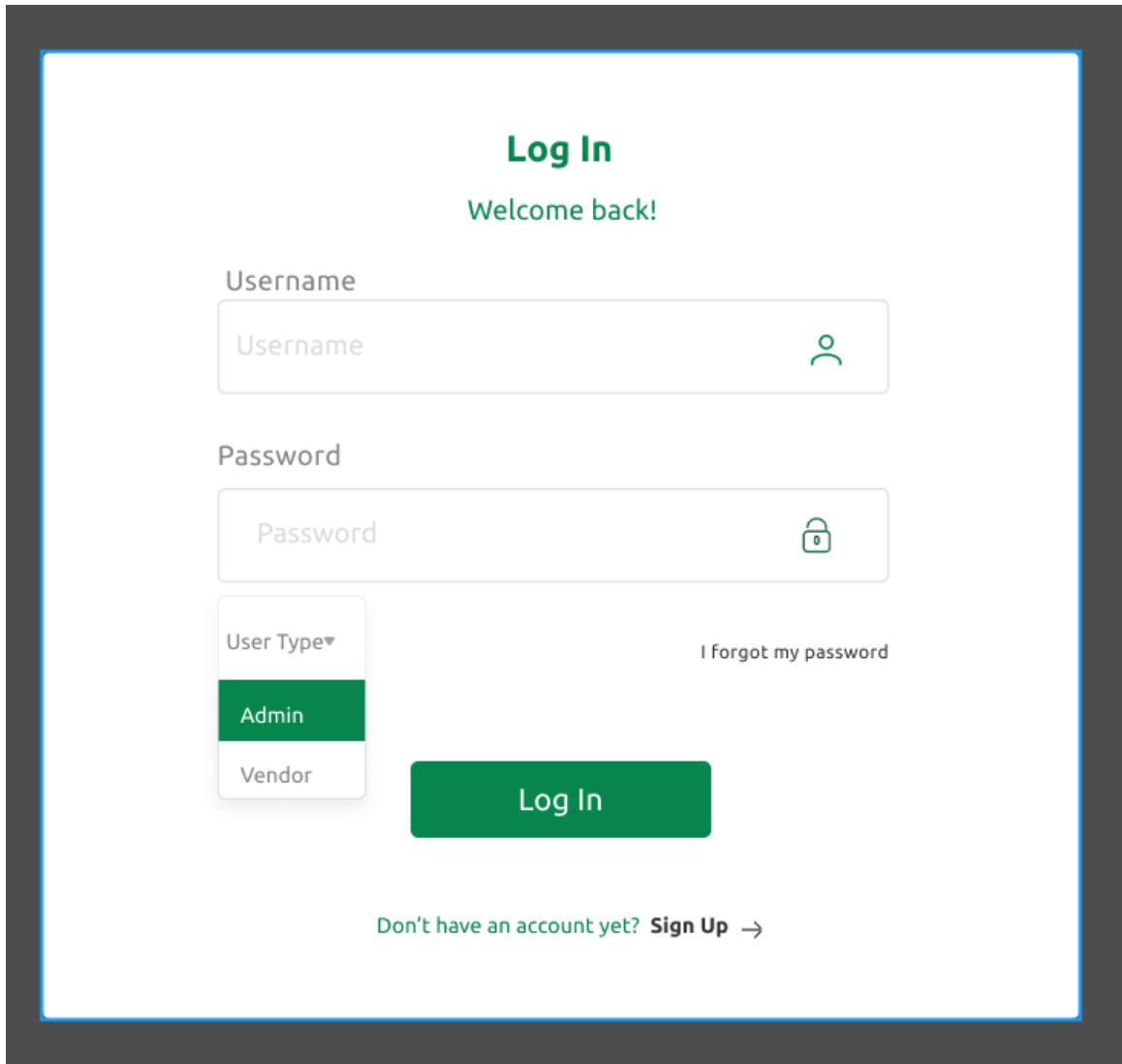


Stall



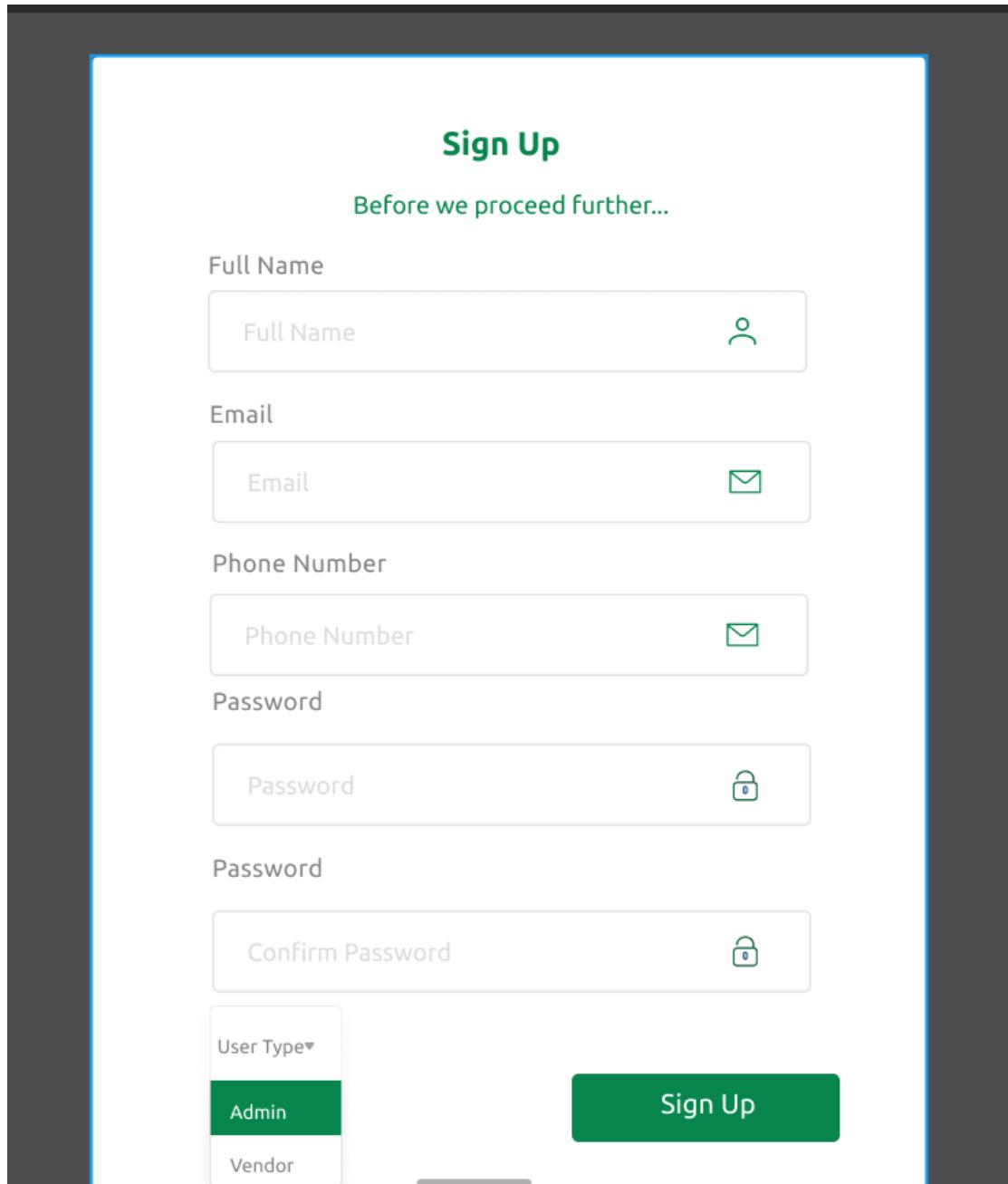
- **A** - Navigation Bar - Users have access to different platform areas from login as vendor or management to touring the various stalls on each market.
- **B** - Get Route Direction - Users will be able to get directions from their current location to the nearby local market.
- **C** - Explore Stall - Users will be able to learn how to tour stalls in each market.
- **D** - About Us - Provides Information about the platform
- **E** - Be Vendor - Provides Information about how to be vendor
- **F** - Footer - In the section information and links are presented about the system

Authentication of Vendor and Management



Login Screen:

1. In order to login as an admin or vendor, you must have an account.
2. Enter username, password, and user type in the according field then click the login button.
3. After the credentials is authenticated then you will be redirected to your respective dashboard(admin or vendor)



Sign Up Screen:

1. Enter all information required on each field then click sign up button to create an account on the platform
2. After signing up you will be redirected to dashboard (vendor or admin) to finish account creation

View Market Map

Market Map

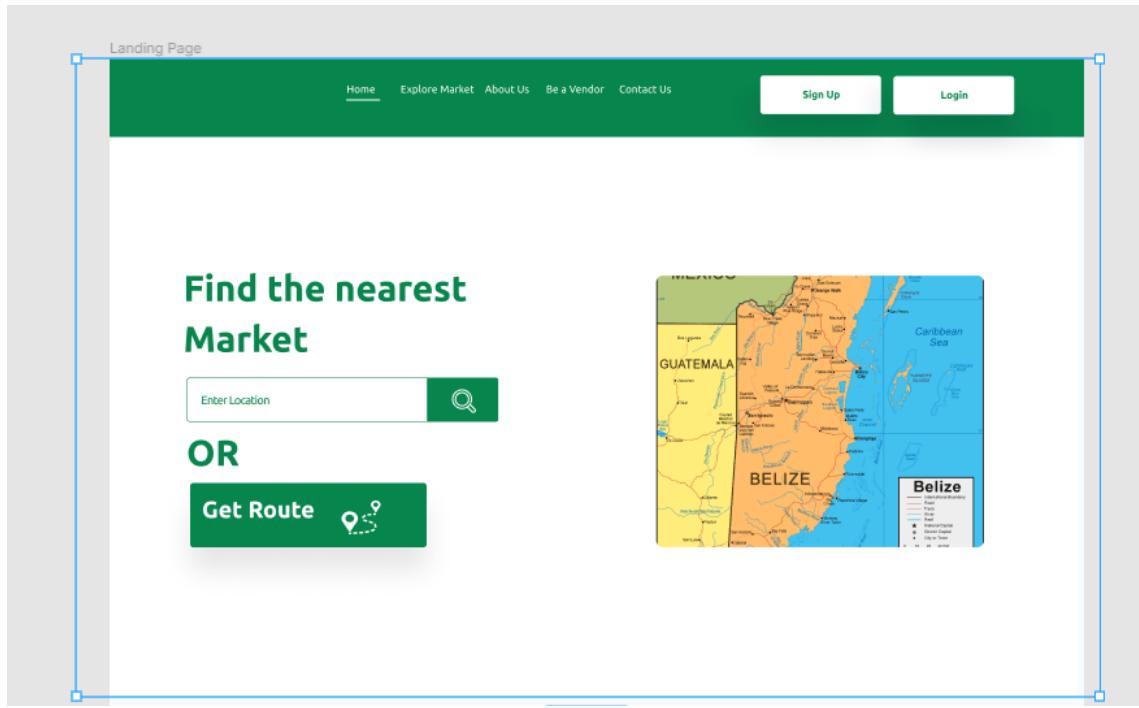


- **A** - Map of the Market
- **B** - Stalls

To View Market Map

1. Selected a Market location then market map will be displayed

Get Market Route



To Get Market Route:

1. Users will need to allow for the current location to be obtained then a nearby local market will be populated on the map.
2. The User will then select the desired location
3. The map will generate a direct route from the current location to the destination location.

Tour Market

Virtual Tour



- **A** - Market Map
- **B** - Stalls

To Tour Market

1. Select a market location to do the tour market.
2. The controls will appear to the right to perform the virtual tour.

Tour Stall

Virtual Tour

Aerial view of a beach area with a tour stall. The stall is located near a road labeled "Joseph Andrew Dr". A green circle labeled "A" points to a cluster of small icons representing different tour options. A white circle labeled "B" points to a red icon, likely indicating a selected or highlighted choice. The map also shows nearby businesses: "Shopping mall", "Pupuseria El Rinconsito De Doña Blanca", and "Ale's Beach Treasures Gift shop".

Products Listing

The interface includes several interactive elements: a close button (X) at the top right; zoom controls (C) and (D) with arrows and a plus sign; and a circular button (E) at the bottom center.

- A- Market Map
- B - Stalls
- C- VR Screen
- D - Controllers
- E - Product Listings button - Redirect to the listing of the stall

To Tour stall

1. Select the desire stall to do the tour stall
2. A Screen will pop up with a button that redirects to the listing products of the stall and respective controller to do the tour stall.

Search Stall

The image shows a satellite view of a market area labeled "Market Map". Several green icons representing stalls are scattered across the map, with one specifically labeled "B". To the left of the map is a search interface. At the top left is a green circle labeled "C" containing the text "Search By:". Next to it is a white input field with a green border containing the placeholder "Search For Stall". To the right of the input field is a green button with a white magnifying glass icon and a plus sign, labeled "Search". Below this search bar is a section titled "Filter Search:" with two dropdown menus. The first dropdown, labeled "Market", has options "San Ignacio" and "Belmopan". The second dropdown, labeled "Stall", has options "Food" and "Clothing". A green circle labeled "D" is positioned near the bottom center of the filter section.

- **A** - Market Map
- **B** - Stalls
- **C** - Search Bar
- **D** - Filter option for search

To Search a Stall

1. First select a market
2. Select a stall categories or search on input to find the desire stall

Buy Item

Market:

A

Stall:

B



C

Description

Price

Quantity

D

E

Buy Item



Description

Price

Quantity

Buy Item



Description

Price

Quantity

Buy Item

Login

Buy Item

Fill the form below

F

Full Name

Item Name

Quantity

Price

Total

Phone

Reserve

Delivery

Send

852.58 × 1128.67

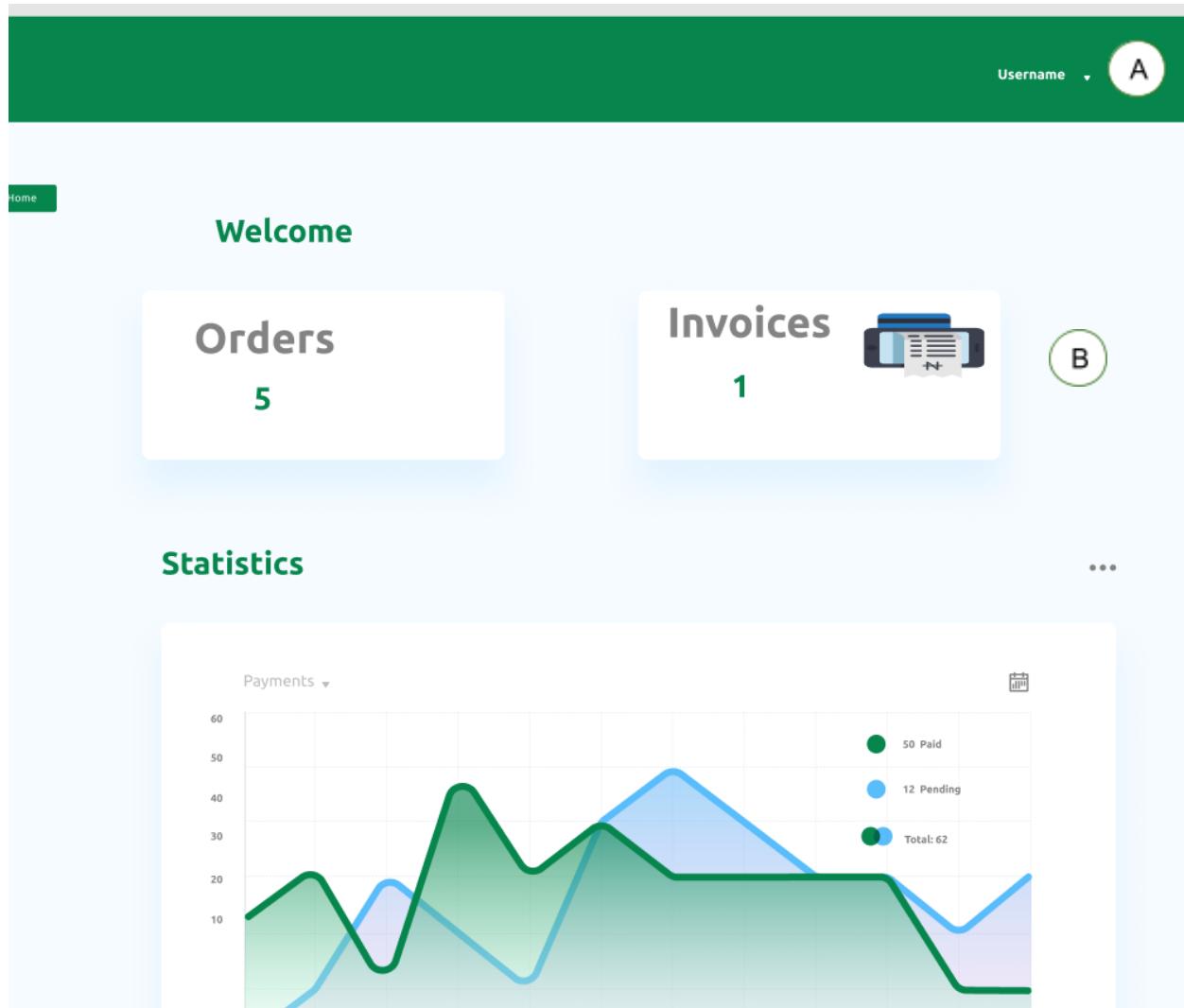
- **A** - Market Name
- **B** - Stall Name
- **C** - Product Image
- **D** - Product Information
- **E** - Button purchase item
- **F** - Purchase From

To buy Item:

1. First select the desire stall in which you want to purchase a product
2. Select the desired product for purchase on the stall's product listing
3. A purchase form will appear to complete the transaction. Enter all information required

Vendor Component

Vendor Dashboard:



Invoice

C

Stall Fees Details

INV001

Type	Details	Date	Price	Date to Paid			
Stall Fee	Week 1-Jan	14/01/2022	400	30/01/2022			

Payment Information

Bank Name: Atlantic Bank Management: MMS
Account Number: 6004568392 Cash
Account Name: MMS Account Receivable Office: John Steel

Orders

D

Product Details

Product Code

Person

Status

ID - 900085000597636
20/19/2019

Bunaji

Mike

Confirm

ID - 900085000597636
20/19/2019

Bunaji

John

Cancelled Order

ID - 900085000597636
20/19/2019

Bunaji

Carla

Confirm

ID - 900085000597636
20/19/2019

Bunaji

Duke

Confirm

ID - 900085000597636
20/19/2019

Bunaji

Karen

Cancelled Order

View All Order

- **A** - Username is display and Logout option
- **B** - Graph Stats
- **C** - Latest Invoice
- **D** - Top Five orders

Create Profile:

Profile

Full Name	Email	Phone	Password	User Type	Action		
Mark Lopez	lopez@gmail.com	6072461	*****	Vendor			

Fields with * are required

Business Name* <input style="width: 100%; height: 30px;" type="text"/>	Business Logo* <input style="width: 100%; height: 30px;" type="file"/>
Business Phone* <input style="width: 100%; height: 30px;" type="text" value="0806884382"/>	Business Email* <input style="width: 100%; height: 30px;" type="text"/>
About Us <input style="width: 100%; height: 100px;" type="text"/>	

Fields with * are required

Business Name*

Business Logo*

Business Phone*

Business Email*

About Us

Business Category *

Food
Clothing
Vegetable and Fruits

Social Media

Facebook
Instagram

Save

- A - User table has basic user information
- B - Vendor form to add information about stall

To Create Profile

1. Enter required information to vendor form
2. Save information to complete the profile

Add Products:

The screenshot displays a mobile application interface for managing products. On the left, a vertical navigation bar features icons for Home, User, Cart, and Products (the selected tab, indicated by a green background). The main header reads "Products" with a circled letter "A". Below this, a sub-header says "Add Products". The form itself is enclosed in a blue border and includes the following fields:

- Item Name
- Price
- Item Description
- Stock Available
- Item Image (with a file upload icon)

A "Save" button with a save icon is located at the bottom right of the form area.

Item Name	Item Image	Price	Stock	Actions
Cups		2.25	10	
Chain		2.25	5	

- **A** - Add Product Form to add items
- **B** - Table lists of products

To Add Product

1. Enter the product information then save the information
2. View the product added on the table of the products

View Invoice:

Invoice			
Invoice	Date	Total	Status
INV001	20/19/2019	300	Paid
INV011	20/19/2019	100	Pending
INV002	20/19/2019	50	Paid
INV003	20/19/2019	150	Paid
INV004	20/19/2019	100	Pending
INV005	20/19/2019	130	Paid
INV006	20/19/2019	140	Pending
INV007	20/19/2019	30	Paid
INV008	20/19/2019	60	Paid
INV009	20/19/2019	80	Pending

To View Invoice:

1. Invoices listed by dates
2. Select the desire invoice you wish to view

Generate Report

Reports

Filter Search: A

Expense

Weekly

Monthly

Expense

A line chart titled "Expense" showing payment counts over time. The Y-axis is labeled "Payments" and ranges from 10 to 60. The X-axis shows time periods. Three lines represent "Monthly" (green), "Weekly" (blue), and "Total" (dark green). A callout bubble indicates a total of 62.

Period	Monthly	Weekly	Total
1	10	5	15
2	20	10	30
3	15	15	30
4	40	20	60
5	25	10	35
6	35	25	60
7	20	15	35
8	30	30	60
9	25	20	45
10	20	10	30
11	10	5	15
12	5	10	15

Filter Search:

Invoice

Pending

Paid

Invoice

A pie chart titled "Invoice" showing the distribution of pending and paid invoices. The chart is divided into two segments: a large green segment representing Pending and a smaller white segment representing Paid.

PDFs

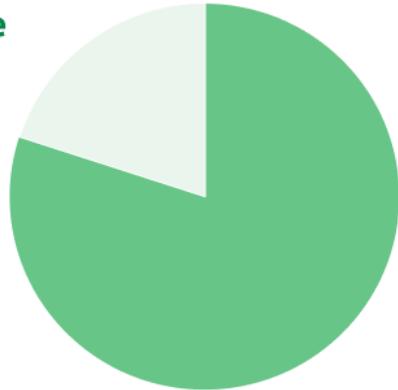
Filter Search:

Invoice

Pending

Paid

Invoice



PDFs 



- **A** - Filter Search and Report Generator
- **B** - Graphs
- **C** - PDF Reports

Generate Report

1. Select Filter options to generate report
2. PDF reports are automatically generated

Submit Request

Submit Request

Name

Email

Subject

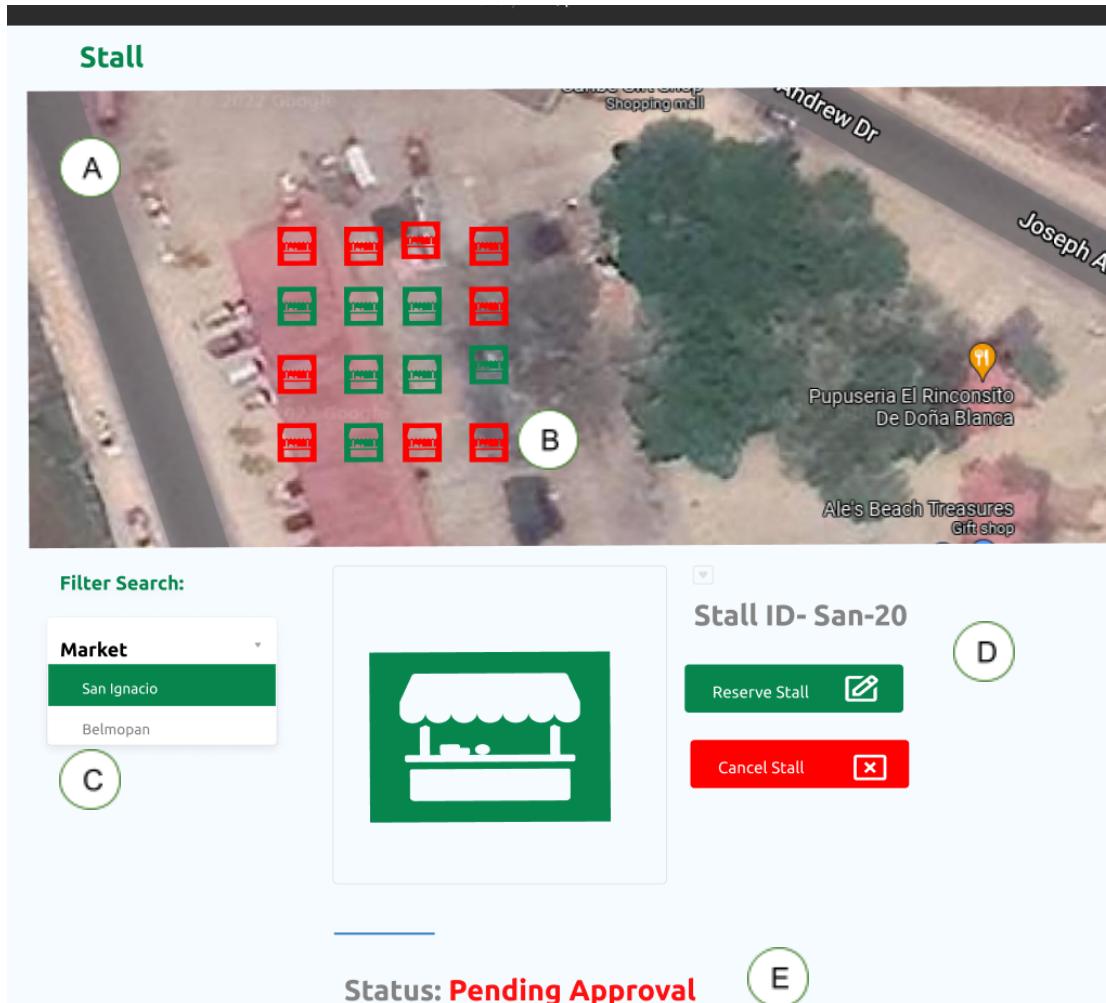
Details

Send 

To Submit Request

1. Enter the required information on the form
2. Save the date by clicking on the button

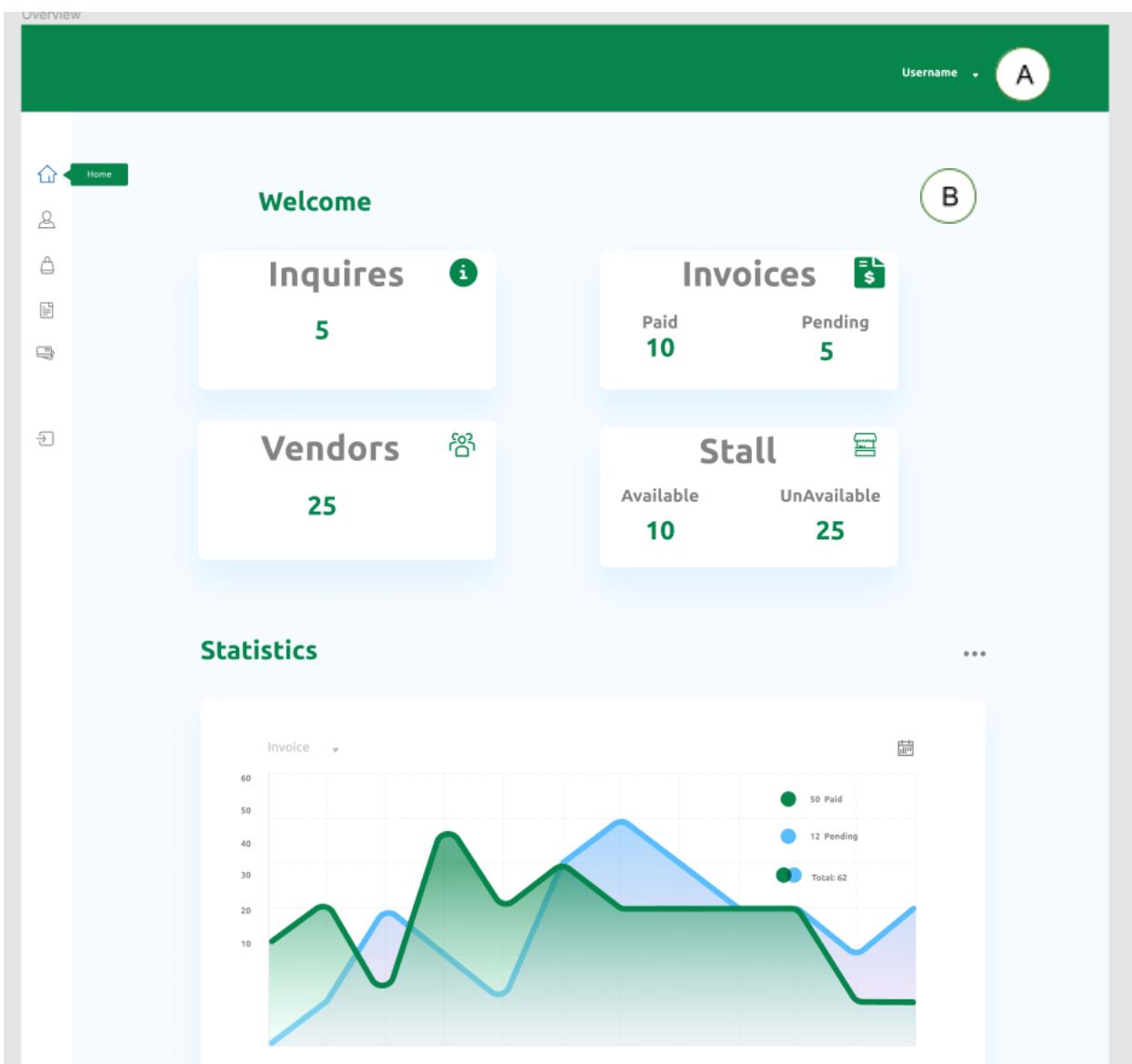
Reserve and Cancel Stall



- **A** - Market Map
- **B** - Stalls
- **C** - Market Filter
- **D** - Reserve and Cancel Buttons
- **E** - Status on Reservation

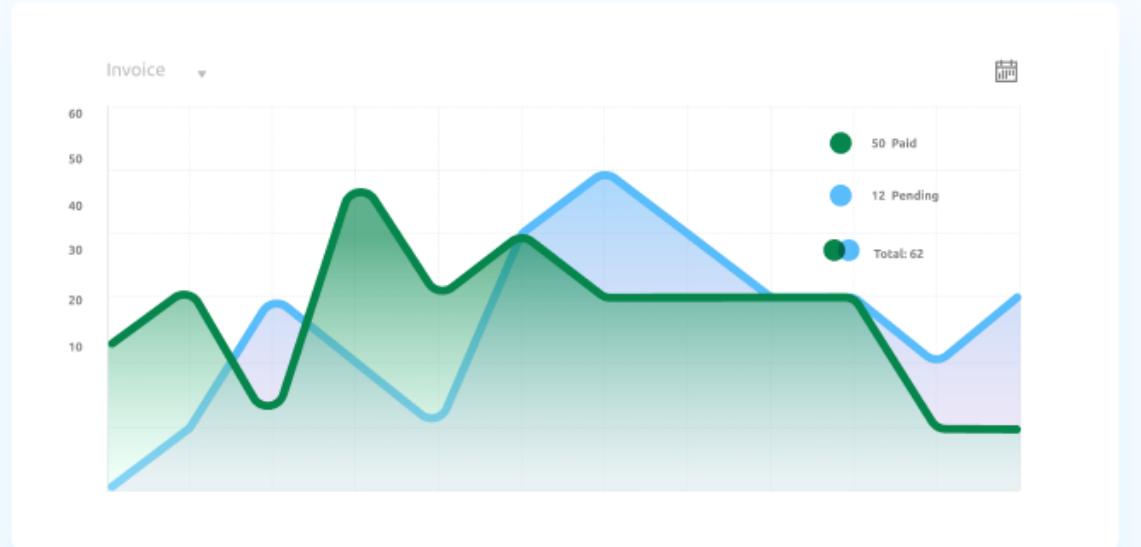
Management Component

Management Dashboard:



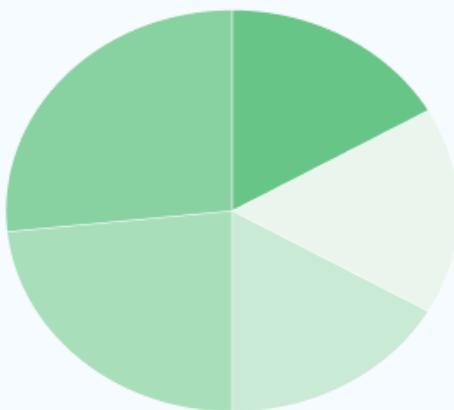
Statistics

...



Types of Vendors

C



- A - Display Username and logout option
- B - Stats Information
- C - Graphs

ApproveReserveStall:

A

B

C

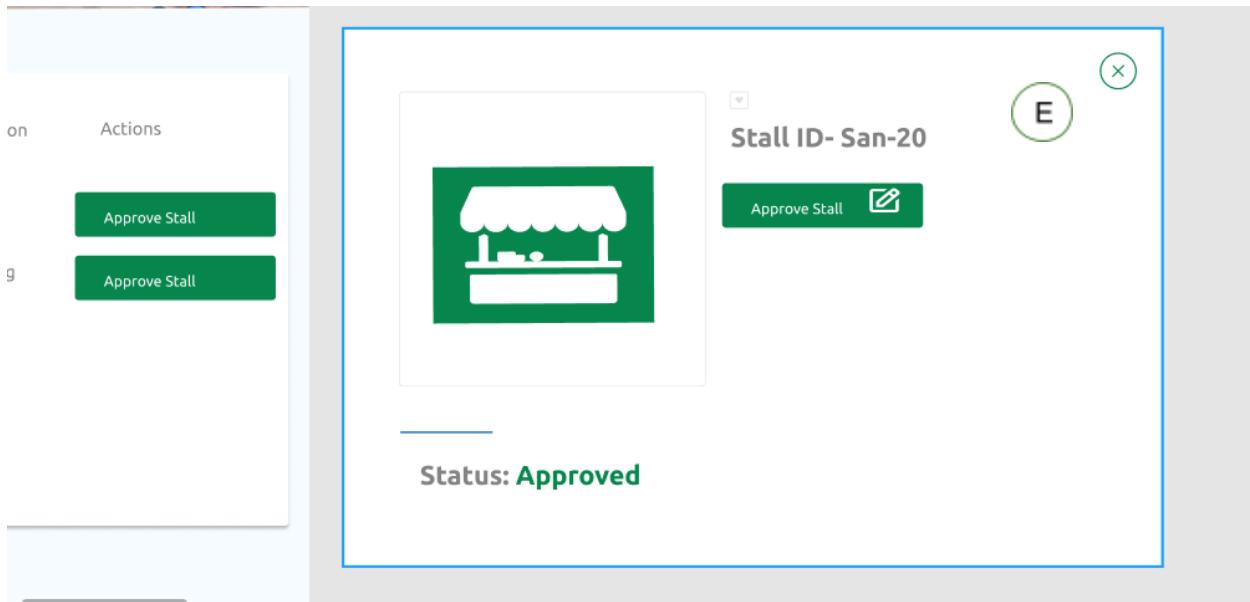
Filter Search:

Market

- San Ignacio
- Belmopan

Business Name	Stall Number	Stall Section	Actions
Meat Shop	F-12	Food	D Approve Stall
Paul's Clothing	C-3	Clothing	D Approve Stall

D

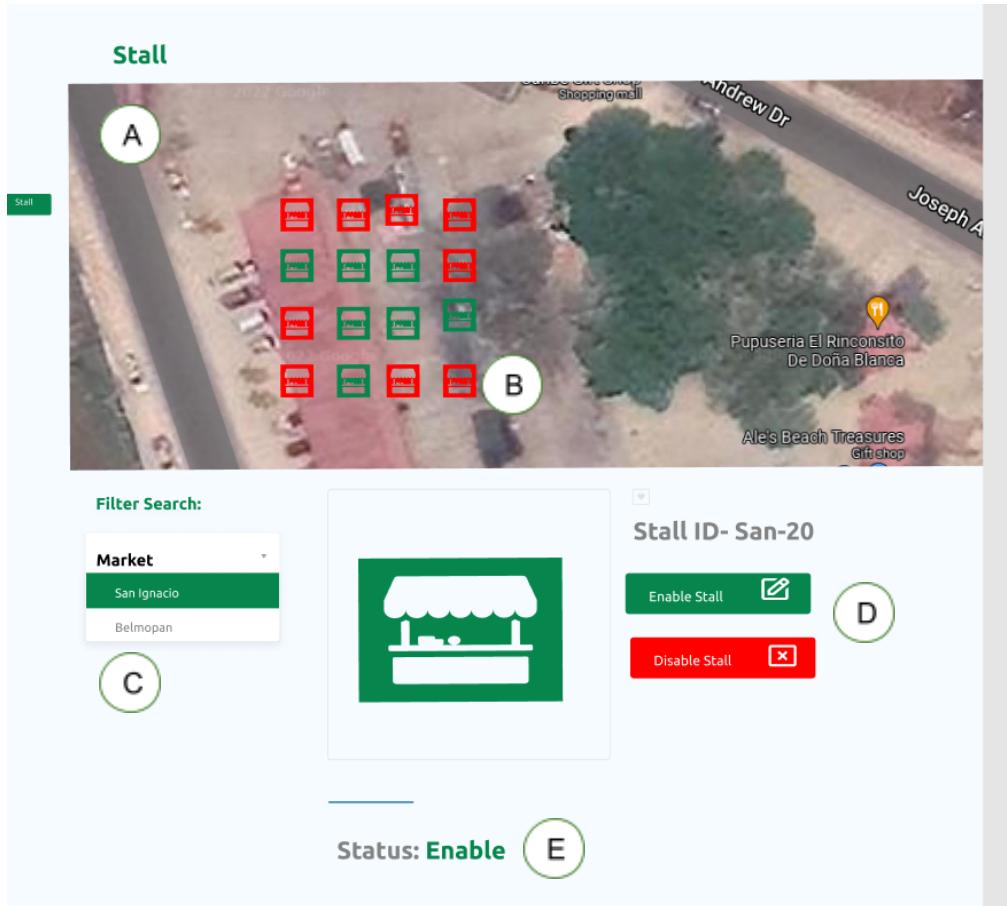


- **A** - Market Map
- **B** - Stalls
- **C** - Filter Search
- **D** - Stall Approval List
- **E** - Stall Approval Form Modal

To approve stall

1. Select a request from table listing
2. Click on approve stall
3. Verify that after clicking for the approval the status states as approved

Enable and Disable Stall



- **A** - Market Map
- **B** - Stall
- **C** - Search Filter
- **D** - Enable and Disable Buttons
- **E** - Stall Status

To Enable and Disable Stall

1. Select stall from grid map
2. Click on enable to button to enable a stall or disable button to disable a stall
3. After either action verify status match your action taken

Generate Invoices

Invoice

DaMarket
San Ignacio, Town
Belize
mms@org.bz
824 56 78

Bill To:

Lobos' MeatShop
San Ignacio, Town
Stall#: F-12
Mark Lobos

Item Description	Price	QTY	Amount
⊕ Add Line Item			

Subtotal:
Total:

Save

A B C D

- **A** - Market Address
- **B** - Vendor's Information
- **C** - Invoice's Header Information
- **D** - Invoice's details item

To Generate Invoice

1. First Enter the market address information
2. Enter Vendor's Information
3. Add Due Date of the Invoice
4. Add Fee to be charged on invoice details section
5. Save Invoice
6. Can view the invoice generate on the invoice listing

Invoices

Invoice	Due Date	Total	Status
INV001	20/19/2019	300	Paid
INV011	20/19/2019	100	Pending
INV002	20/19/2019	50	Paid
INV003	20/19/2019	150	Paid
INV004	20/19/2019	100	Pending
INV005	20/19/2019	130	Paid
INV006	20/19/2019	140	Pending
INV007	20/19/2019	30	Paid
INV008	20/19/2019	60	Paid
INV009	20/19/2019	80	Pending

View Inquiries

Username ▾

Inquiries

Inquiry

Business Name	Name	Subject	Date
Lamb's Clothing	John Lamb	Bathroom Fees	20/19/2019
Lobos' MeatShop	Mike Lobos	Security Fee	20/19/2019
Lobos' MeatShop	Mike Lobos	Security Fee	20/19/2019
Lobos' MeatShop	Mike Lobos	Security Fee	20/19/2019
Lobos' MeatShop	Mike Lobos	Security Fee	
Lobos' MeatShop	Mike Lobos	Security Fee	
Lobos' MeatShop	Mike Lobos	Security Fee	
Lobos' MeatShop	Mike Lobos	Security Fee	
Lobos' MeatShop	Mike Lobos	Security Fee	
Lobos' MeatShop	Mike Lobos	Security Fee	

To View Inquiries

1. Inquires are listing by dates
2. Select desire Inquiry to view request