

CannaData 0.1 Documentation

Carl Ganz

Contents

1 Preliminaries	5
1.1 Contact	5
2 Frontdesk	7
2.1 Sidebar	7
2.2 Returning Patients	7
2.3 New Patients	12
2.4 Online Orders	12
3 Inventory	21
3.1 Sidebar	21
3.2 New Inventory	22
3.3 Past Products	25
3.4 Wholesaler	25
3.5 New Wholesalers	25
3.6 Labels	29
4 Point of Sales	33
4.1 Patient Selection	33
4.2 Patient Info	33
4.3 Sales	33
4.4 Labels	37
4.5 Searching	37
4.6 Completing Transaction	37
5 Connect	43
5.1 Sidebar	43
5.2 Homepage	43
5.3 Coupons	43
5.4 Messages	46
6 Online	51
6.1 Menu	51

Chapter 1

Preliminaries

The CannaData platform enables Marijuana dispensaries to manage their patients, inventory, point-of-sales, and online presence with one integrated platform. Each client receives their own Virtual Private Cloud where their data is securely stored. When you create an account with CannaData you will be given a unique URL for your dispensary. For example, a dispensary named “demo” would likely receive the domain <https://demo.cannadata.com> where they can access the CannaData platform.

This documentation explains how to use the CannaData platform.

1.1 Contact

We love getting feedback! Please email Carl Ganz

Chapter 2

Frontdesk

The Frontdesk is where every dispensary first makes contact with their clients. Dispensaries must keep track of all customers and verify that they are valid medical marijuana patients. The CannaData Frontdesk page makes this easy by providing a custom interface for checking in and accepting new patients.

2.1 Sidebar

On the left of the page is a sidebar with five options. The five subpages are:

- Homepage: where you can view who is currently in the store, in queue, and pending online orders.
- All Patients: where you can see all past patients, and incomplete profiles.
- Patient Info: when a specific patient is selected this page will display their information, and allow you to let the patient into your store.
- New Patient: when a new patient is processed, this is the page where you enter their information.
- Online Sale: when processing an online order, this page will display the order info, and provide options for completing the order.

2.2 Returning Patients

For returning clients, the front desk is responsible for:

- Validating a person is who they say they are
- Confirming they are a medical marijuana patient
- Controlling how many customers are allowed in the store at one time, and making sure that they are processed in the correct order
- If the patient preordered, making sure their preorder is processed correctly

All patient interactions begin by scanning the client's state issued ID. For returning customers this will pull up the patient's profile where the budtender can quickly see the patient's current medical status, as well as other basic information about the patient. With a single button press, valid patients can be allowed into the store, or if there is a line to get in, added to the patient queue.

The patient info page provides basic data about the patient, as well as their medical info. The box at the top displays the number of days left until the patient's medical card expires. When expired, the box is red.

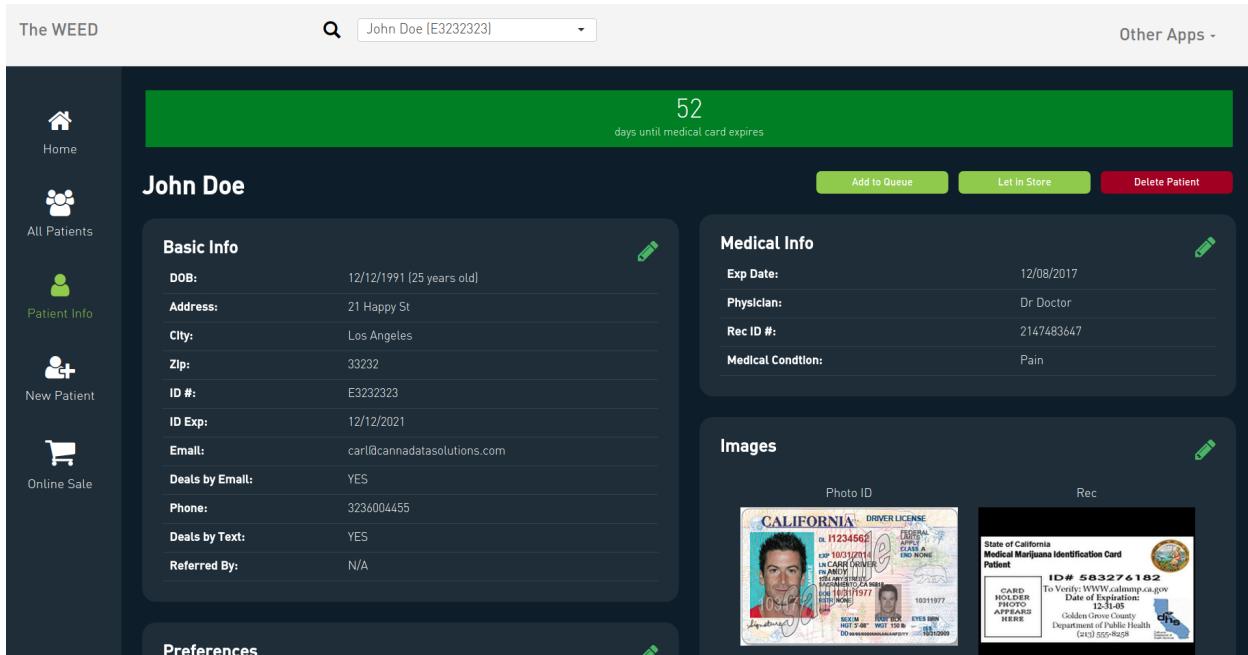


Figure 2.1: Returning Patient Info

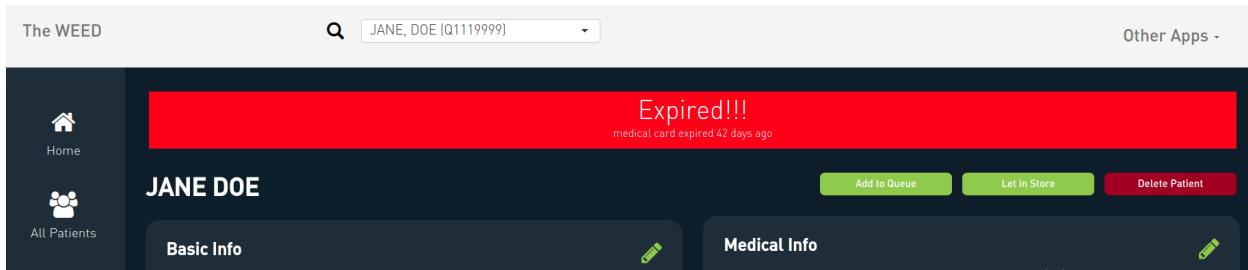


Figure 2.2: Expired Patient

The screenshot shows the patient dashboard for "John Doe (E3232323)".

- Preferences:** Strain: Sativa (orange icon), Hybrid (green icon). Product: Flower (green diamond icon), Concentrate (yellow diamond icon).
- Reward Points:** A gauge meter shows 0 reward points.
- Past Products:** A pie chart indicates \$75 spent on Flower.
- Medical Card:** Displays a California Medical Marijuana Identification Card for John Doe, ID # 583276182, valid until 12-31-08.
- Patient History:** Shows a single transaction: Date 10/16/2017, Time 12:49 PM, Total \$75.

Figure 2.3: Patient Data

The page also displays the number of reward points the patient has accumulated, and a pie chart with the product types from the patient's purchase history.

You can view details of past transactions by selecting a row from the patient history table.

For patients with expired medical cards, the patient info page lets you edit and update the patient's medical info.

The screenshot shows the patient info page for "JANE DOE". A modal window titled "Edit Images" is open, allowing the user to upload a photo and a medical card image.

Photo ID *	Browse...	No file selected
Rec *	Browse...	medcard.jpg

Buttons: Add to Queue, Let in Store, Delete Patient.

Basic Info (Patient Info page):

- DOB: 12/12/1991
- Address: 33 HAZY ST
- City: LOS ANGELES
- Zip: 98989
- ID #: Q1119999
- ID Exp: N/A

Details (Patient History table):

- Date: 08/22/2017
- Doctor: Dr Doctor
- Rec ID #: 123345567
- Medical Condition: N/A

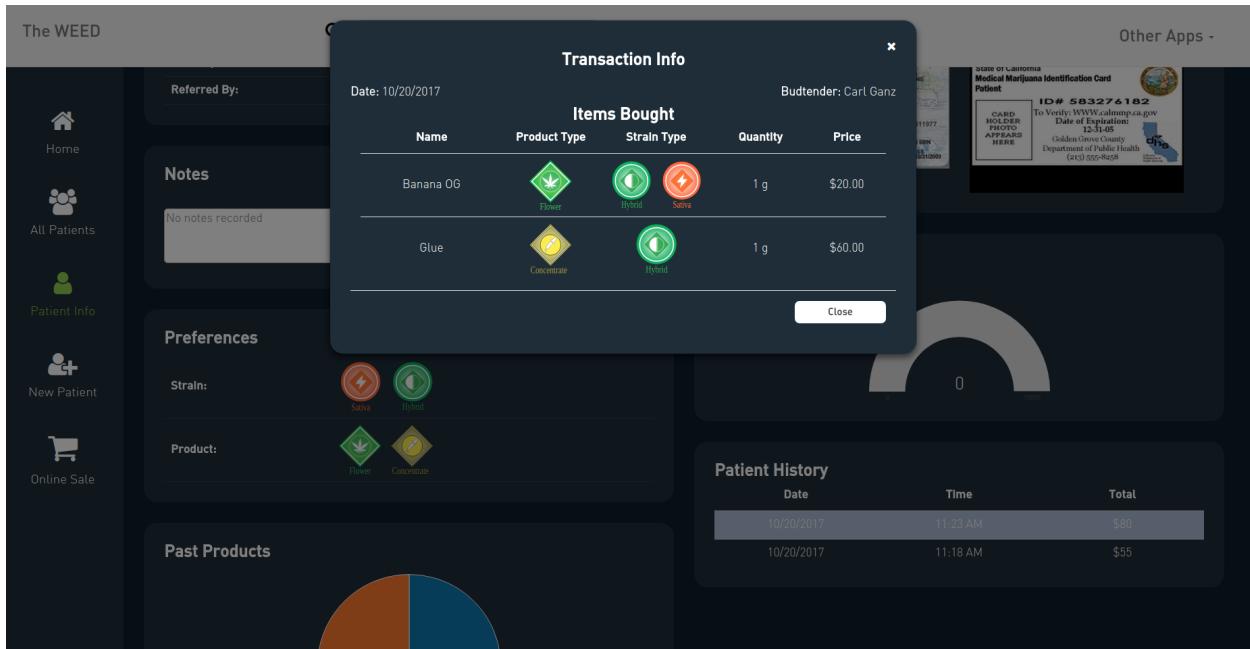
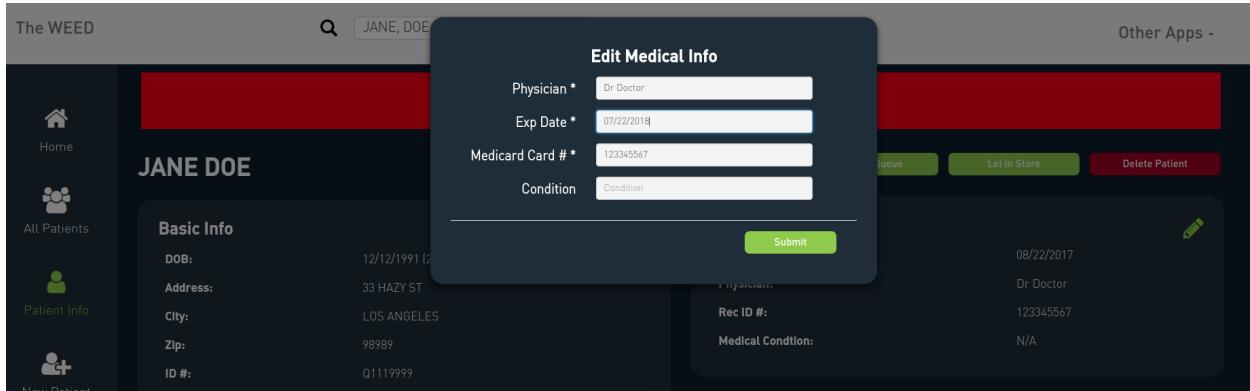


Figure 2.4: Past Transaction



You can also access a patient's info page by scanning their ID, searching for them in search box at the top, or by selecting them from the All Patients tab.

The All Patients tab also allows you to view, which patient profiles are incomplete, and which registered patients have expired medical cards.

2.2.1 Queue

The homepage of the Frontdesk app keeps track of online sales, who is currently in the store, and who is currently in line to get in the store (queue). These tables make it easy to see who is next in line, and how long people have been waiting. Online sales are discussed in greater detail here.

The screenshot shows the 'Incomplete Patients' section of the software. A search dropdown menu is open, displaying two patient entries:

- JOHN DOE (Q9999999):**
 - Date Added: 2017-10-20
 - Status: Pending verification
- JANE DOE (Q1111111):**
 - Date Added: 2017-10-20
 - Status: Ready
 - Expiration Date: 2017-11-30

Below the search dropdown, there is a table header for 'All Patients' with columns: Name, ID #, Age, Exp Date, and Last Transaction. One row is visible:

Name	ID #	Age	Exp Date	Last Transaction
JANE DOE	Q1111111	25	11/30/2017	

At the bottom right of the table area, there is a green 'Info' button and navigation links for 'Previous', '1', and 'Next'.

Figure 2.5: All Patient Table

The screenshot shows the 'Online Sales' section of the software. It displays a table with columns: Name, Phone, Status, Time, and Total. One row is listed:

Name	Phone	Status	Time	Total
Jane Doe	3236004455	5	01:23 PM	\$20

Below this, there is a 'Queue' section which displays the message: "No data available in table".

At the bottom, there is an 'In Store' section showing a single entry:

Name	ID #	Time
John Doe	E3232323	12:49 PM

For this entry, there are 'Info' and 'Remove' buttons at the bottom right.

Figure 2.6: Queue

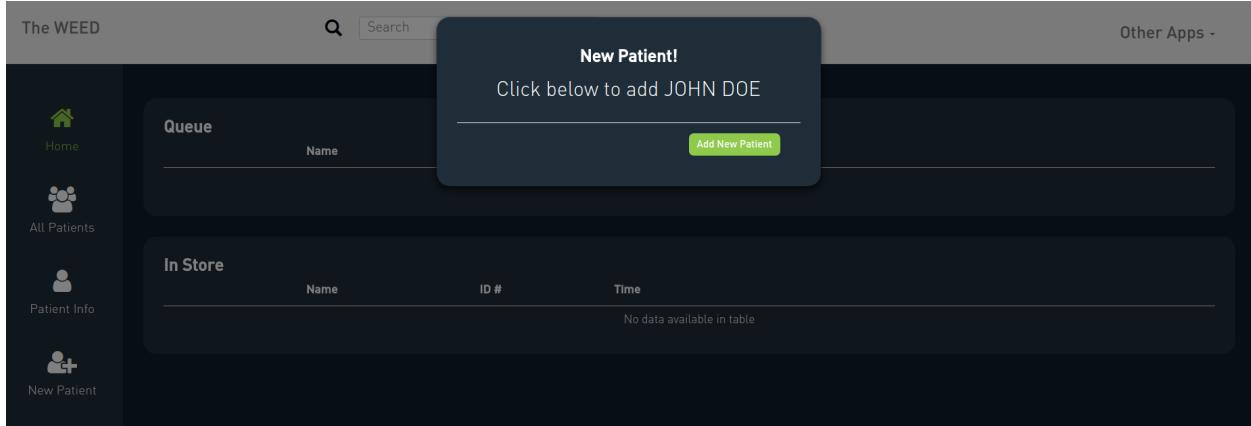


Figure 2.7: Add New Patient Screen

2.3 New Patients

For new patients, when their ID is scanned a message will appear indicating that the patient is new. The budtender has the option to add the new patient which initiates the patient sign-up process.

When the patient's ID is first scanned, the information from their ID is automatically added, however their profile is incomplete. The budtender must upload the patient's documents, and enter a small amount of information from the patient's medical card, specifically the name of their doctor, the expiration date, and the medical card ID number.

While the budtender enters this information, the patient is presented with an iPad (or other tablet or computer) where they enter their information into the Signup application discussed below.

2.3.1 Signup

The Signup application works in conjunction with the Frontdesk app to let new patients quickly join a dispensary. When a new patient's ID is scanned they are added to the database, but their profile is incomplete. The budtender must input the patient's medical information (discussed above), and the patient must complete the signup form (and sign the patient agreement), before they can enter the store. The first page of the signup form contains an input where the budtender can select the incomplete profile of the new patient. Typically there is only one incomplete profile at a time, in which case the one incomplete profile is automatically selected.

The budtender would hand the iPad over to the new patient who would fill out the rest of the form. The first page of the signup form is automatically filled in based on the information on the patient's driver's license.

There are four additional pages where the patient fills in their contact info, and preferences.

After the patient completes the form they are automatically sent to DocuSign where they digitally sign the new patient agreement contract. This makes the signup process completely paperless.

2.4 Online Orders

Whenever new online orders are made a notification will appear in the bottom right corner of the frontdesk app, and the new order will appear in the online orders table in the homepage. We will discuss the online menu, and online ordering process in more detail in the Online Orders chapter, so for now we will just focus on processing online orders at the frontdesk.

The WEED Other Apps ▾

JOHN DOE

- [Home](#)
- [All Patients](#)
- [Patient Info](#)
- [New Patient](#)
- [Online Sale](#)

Basic Info

DOB:	12/12/1991 [25 years old]
Address:	21 Happy St
City:	Los Angeles
Zip:	32323
State:	CA
ID #:	E3232323
ID Exp:	N/A

Images
Photo ID
Rec

Enter Info
 Submit
 Delete Patient

Physician *	<input type="text"/>
Exp Date *	<input type="text"/>
Rec # *	<input type="text"/>

Upload Images

Photo ID *	<input type="button" value="Browse..."/> No file selected
Rec *	<input type="button" value="Browse..."/> No file selected

Figure 2.8: Empty New Patient Form

The WEED Other Apps ▾

JOHN DOE

- [Home](#)
- [All Patients](#)
- [Patient Info](#)
- [New Patient](#)
- [Online Sale](#)

Basic Info

DOB:	12/12/1991 [25 years old]
Address:	21 Happy St
City:	Los Angeles
Zip:	32323
State:	CA
ID #:	E3232323
ID Exp:	N/A

Images
Photo ID
Rec

Enter Info
 Submit
 Delete Patient

Physician *	<input type="text" value="Dr Doctor"/>
Exp Date *	<input type="text" value="01/01/2018"/>
Rec # *	<input type="text" value="123456789"/>

Upload Images

Photo ID *	<input type="button" value="Browse..."/> ID.png
Rec *	<input type="button" value="Browse..."/> medcard.jpg

Figure 2.9: Completed New Patient Form

1 out of 5

Personal Information

JOHN	123 SMOKEY ST
DOE	LOS ANGELES
01/01/1990	CA
A1010101	91919

Next

Powered by

CannaData

Figure 2.10: Autofilled Basic Info

2 out of 5

Contact Information

888 888 8888	demo@demo.com
--------------	---------------

I would like to receive deals by text.

I would like to receive deals by email.

Next

Powered by

CannaData

Figure 2.11: Contact Info

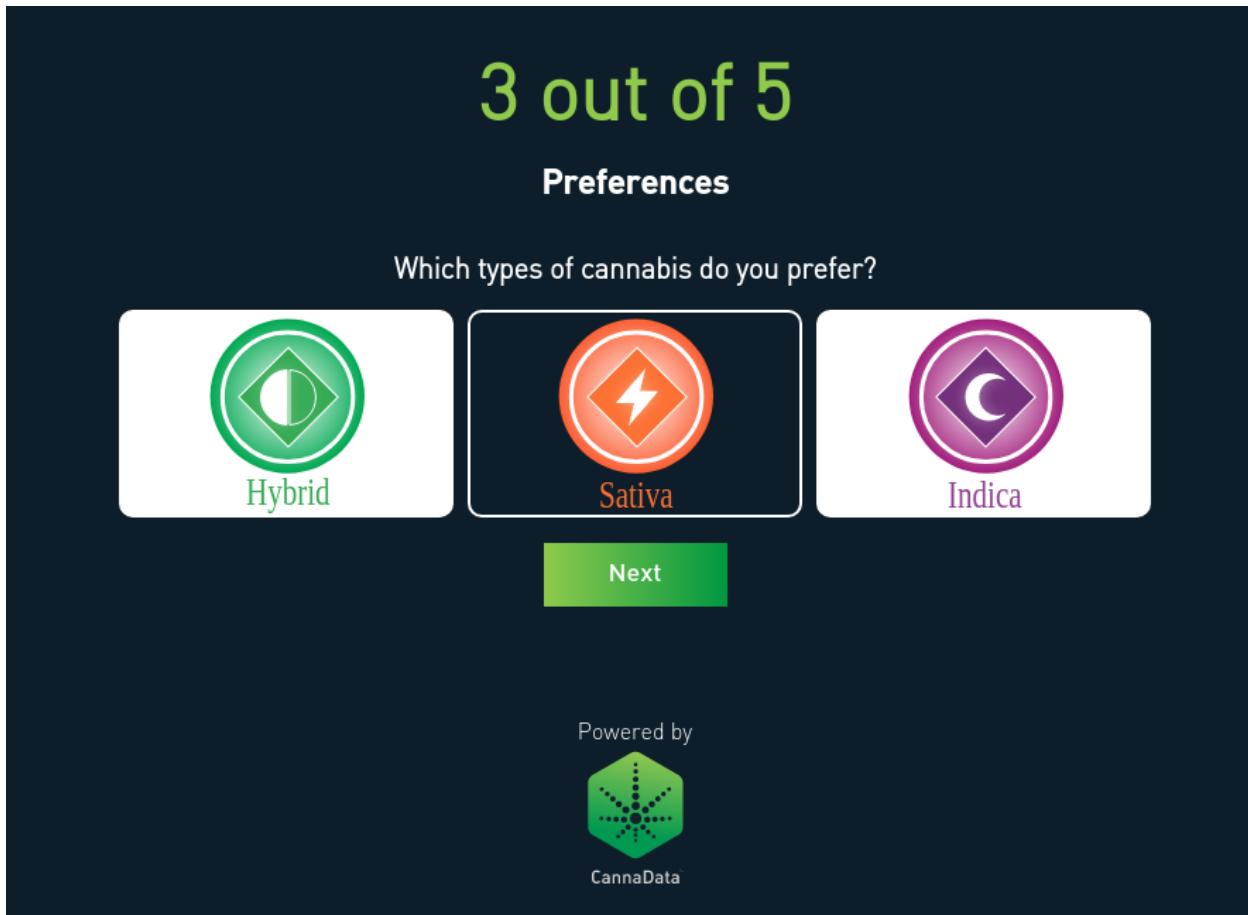
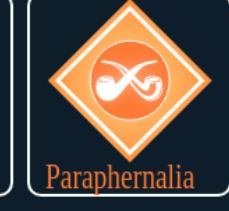


Figure 2.12: Preference Info

4 out of 5

Preferences

What types of cannabis products interest you?

 Flower	 Concentrate	 Edibles	 Beverages	 Joints
 Soaps	 Vaporizers	 Tinctures	 Ointments	 Paraphernalia

[Next](#)

Powered by

CannaData

Figure 2.13: Preference Info

5 out of 5

[Explain](#)

Please explain your medical condition.

How did you hear about us?

[Submit](#)

Powered by



CannaData

Figure 2.14: Other Info

The WEED

Search

Other Apps -

- [!\[\]\(b3688dac6272be42a6e27ab101c861f5_img.jpg\) Home](#)
- [!\[\]\(8832aca84a80d65d1b480375fc2819bd_img.jpg\) All Patients](#)
- [!\[\]\(8969bf5f67df0b1b5258b35f1250a7b5_img.jpg\) Patient Info](#)
- [!\[\]\(a2479761f0b82d27d551c6fc1a610de1_img.jpg\) New Patient](#)
- [!\[\]\(0e2a28f24ba2f95bf5a629add518298d_img.jpg\) Online Sale](#)

Online Sales				
Name	Phone	Status	Time	Total
1 Johnny Doe	3236004455	Unconfirmed	11:44 AM	\$20
Process				

Queue		
Name	ID #	Time
No data available in table		

In Store		
Name	ID #	Time
No data available in table		

A

 Unconfirmed order from Johnny Doe

Figure 2.15: New Online Order

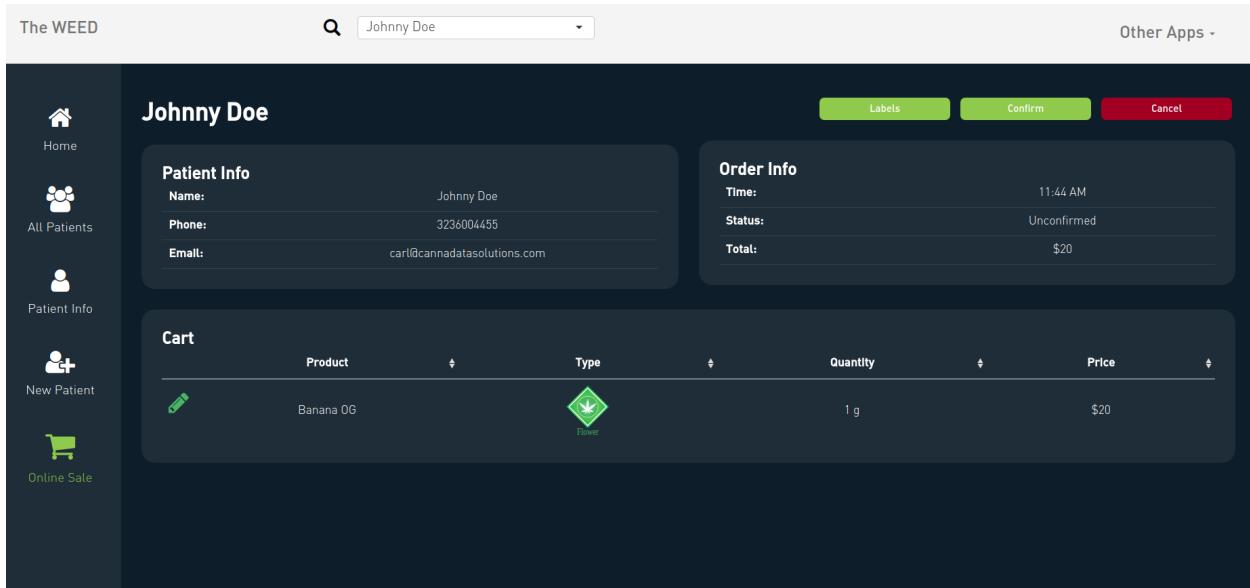


Figure 2.16: Online Order Info

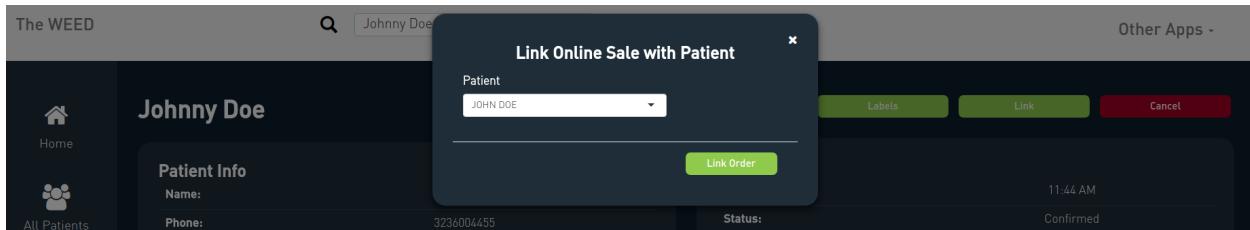
When you first receive a new order it is unconfirmed. Select the order by either pressing the alert in the bottom right, selecting the order in the table in the homepage, or by selecting the order in the search bar at the top.

The order info page allows you to do several things:

- You can edit items
- Print labels
- Confirm
- Cancel

Once an order is confirmed the alert in the corner will go away, and the status in the main table will update.

When the patient comes to pick up their order you must check them in like any other patient, as discussed above. Once they are checked in you link the online order with the checked in patient by clicking the “Link” button in the online order page.



Once the order is linked to the patient, they can proceed to the cash register where they can quickly complete the transaction.

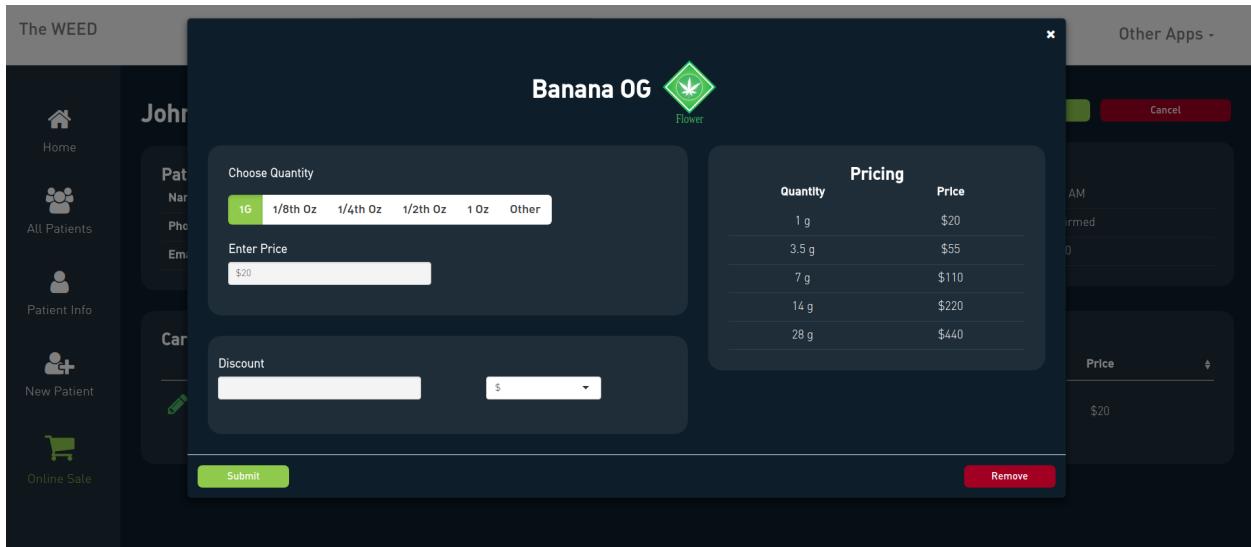


Figure 2.17: Edit Online Order

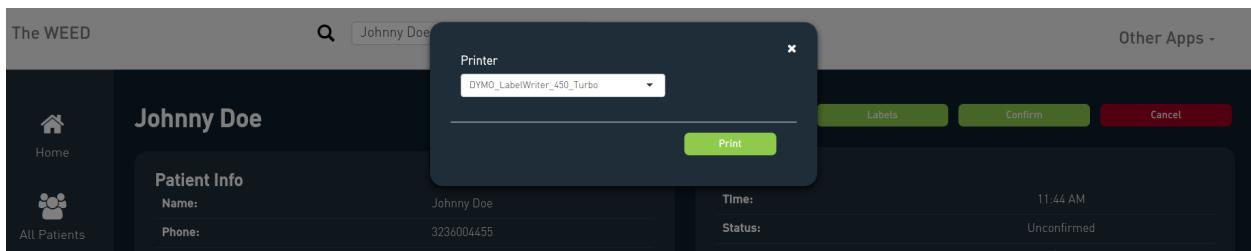


Figure 2.18: Select printer for labels

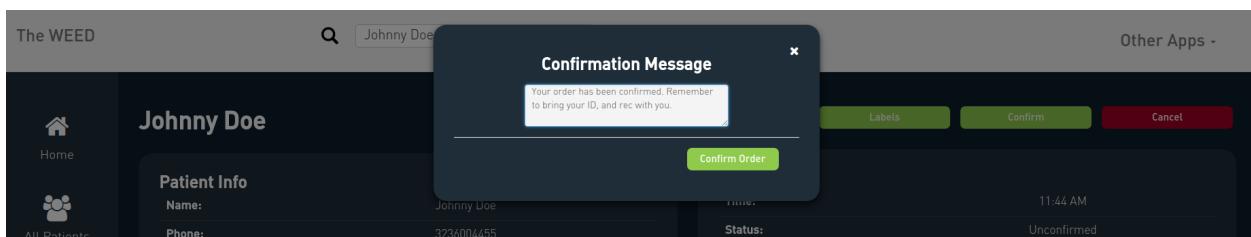


Figure 2.19: Send confirmation message

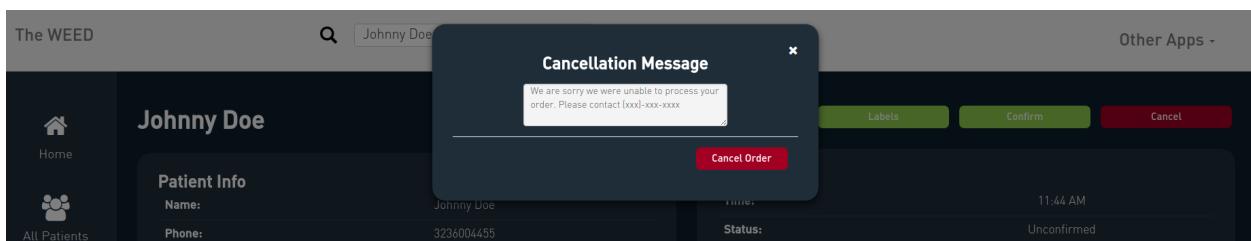


Figure 2.20: Send cancellation message

Online Sales					
	Name	Phone	Status	Time	Total
1	Johnny Doe	3236004455	Confirmed	11:44 AM	\$20

Figure 2.21: Confirmed order

The screenshot shows the main interface of 'The WEED' software. On the left, there is a vertical sidebar with icons for Home, All Patients, Patient Info, and a plus sign. The main content area has two sections: 'Online Sales' at the top and 'Queue' below it. The 'Online Sales' section displays a single row of data:

	Name	Phone	Status	Time	Total
1	Johnny Doe	3236004455	Confirmed	11:44 AM	\$20

The 'Queue' section displays a single row of data:

	Name	ID #	Time	Actions
1	JOHN DOE	E3232323	12:32 PM	<button>Let In</button> <button>Info</button> <button>Remove</button>

Figure 2.22: Patient is checked in

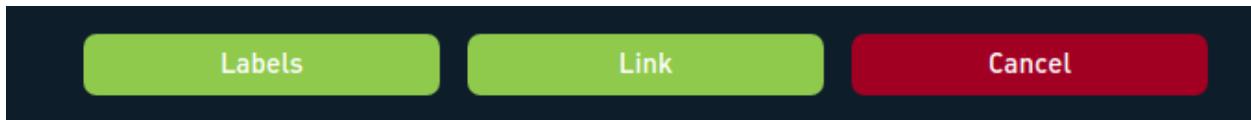


Figure 2.23: Link button

Chapter 3

Inventory

The Inventory Management application provides facilities for:

- Adding new inventory and new wholesalers
- Viewing the performance of past products and wholesalers
- Checking quantities of current stock
- Updating/editing information about existing products
- Print labels/barcodes for inventory

3.1 Sidebar

On the left of the page is a sidebar with four options. The four subpages are:

- Inventory: where you can view all current, and past inventory, as well as all wholesalers.
- Product Info: when a specific product is selected this page will display information about the product.
- New Product: this page lets you enter new inventory.
- Wholesaler: when a product is selected this page shows information about the product's wholesaler. When a wholesaler is selected this page displays information about the wholesaler.

3.2 New Inventory

The new inventory page allows you to enter new shipments of inventory into your database.

Wholesaler Info

Wholesaler*

Cost*

Quantity*

Derived From Another Product?* No Yes

Upload Image

No file selected

The WEED

New Product

Basic Info

- Name:
- URL:
- Description:
- Product Types:
 - Flower
 - Concentrate
 - Edibles
 - Beverages
 - Seeds
 - Vape carts
 - Tinctures
 - Diamonds
 - Joints
 - Tobacco
 - Pre-rolls
 - Miscellaneous

Wholesaler Info

- Wholesaler*:
- Cost*:

Strain Info

- Strain*:
- THC (%):
- CBD (%):
- Strain Types:
 - Hybrid
 - Sativa
 - Indica

Price Info

Quantity	Price
1 g:	\$15
3.5 g:	\$50
7 g:	\$100
14 g:	\$200
28 g:	\$400
14 g:	\$200
28 g:	\$400

The WEED

Wholesaler Info

- Wholesaler*:
- Cost*:
- Quantity*: g
- Derived From Another Product? No Yes

Upload Image

Browse... IMG_3424.JPG

There are several required fields in the new inventory form:

- Product Type (i.e. flower vs concentrate vs edible etc.)
- Strain (No strain is an option, but must be explicitly selected)
- Wholesaler
- Wholesale price
- Quantity
- Price

There are also several optional inputs, and inputs that are only required sometimes:



Figure 3.1: Price Input with 2 g level manually set to \$100

- Product Name (required if no strain selected)
- URL
- Specific Product Type (i.e. is concentrate wax/shatter/kief? is edible cookie/brownie/cheeseburger?)
- Description
- THC & CBD levels
- Whether product is Indica/Sativa/Hybrid
- Image
- Source product and quantity (i.e. if you take 50 grams of Banana OG and make 75 joints, when you enter the 75 joints you would also want to remove the 50 grams of Banana OG that the joints are derived from)

3.2.1 Pricing

The price input contains default values based on the product type. Whenever a value in the price input is updated, the rows below the changed value, representing the price for larger quantities, are updated to be consistent with the new value. For example, the default price for concentrates is \$30 per half gram. This rate is used for higher quantities so 1 gram is $\$30 \times 2 = \60 , two grams is $\$30 \times 4 = \120 , etc. We can update the price for two grams to \$100, which translates to \$50 per gram. Now all quantities above two grams are priced at the \$50 per gram rate, while all quantities below two grams retain the \$30 per half gram (\$60 per gram) rate.

Current Inventory

Name	Wholesaler	Type	Date Added	Amt	Price
Banana OG	Byron LLC	Flower	2017-10-20	994.5 [g]	\$20/g
Glue	Byron LLC	Concentrate	2017-10-20	999 [g]	\$60/g
Blue Dream	Byron LLC	Flower	2017-10-20	200 [g]	\$15/g
Chocolate Cookies	Byron LLC	Edibles	2017-10-20	300 [pkg]	\$20/pkg
Brownies	Byron LLC	Edibles	2017-10-20	1000 [pkg]	\$20/pkg

Old Inventory

Name	Wholesaler	Type	Date Added	Profit
Blue Dream	Byron LLC	Flower	2017-10-20	\$400/day

Figure 3.2: Current Inventory Table

3.3 Past Products

Details about existing and past products are easily accessible. You can search for any inventory or wholesaler in the search box at the top. You can also view tables containing current inventory, old inventory, and wholesalers on the main page.

When you select an item you are taken to the product information page. This includes several tables regarding the specific product with the option to edit. Buttons at the top allow to quickly add more inventory and print barcodes for the product.

Basic analytics are provided so you can quickly see how the product is performing. Daily sales are charted, and average daily profit is rated against other similar products.

3.4 Wholesaler

You can also view information about individual wholesalers. You can select a wholesaler in the search bar at the top or in the wholesaler table in the homepage. Alternatively, when you select a product the wholesaler page displays info for that product's wholesaler.

Analytics about the wholesaler including daily sales, average daily profit, and product type.

3.5 New Wholesalers

New wholesalers can be added in either the new inventory page:

Or in the wholesaler info page:

The screenshot shows the 'Old Inventory' and 'Wholesalers' sections of the The WEED app interface.

Old Inventory:

Name	Wholesaler	Type	Date Added	Profit
Chocolate Cookies	Byron LLC		2017-10-20	300 (pkg) \$20/pkg
Brownies	Byron LLC		2017-10-20	1000 (pkg) \$20/pkg

Wholesalers:

Name	Date Added	Contact	# of Products
Byron LLC	2017-10-20	Byron	6

Figure 3.3: Old Inventory and Wholesalers

The screenshot shows the current inventory table for the product 'Banana OG'.

Product Info:

- Amt: 994.5 g
- Date Added: 2017-10-20
- URL: N/A
- Description: N/A
- THC: 21.1 %
- CBD: 1.1 %

Price Info:

Quantity	Price
1 g	\$20
3.5 g	\$55
7 g	\$110
14 g	\$220
28 g	\$440

Wholesaler Info:

- Wholesaler: Byron LLC
- Wholesale Price: \$1000
- Original Quantity: 1000 g

Overall Rating:

Figure 3.4: Current Inventory Table

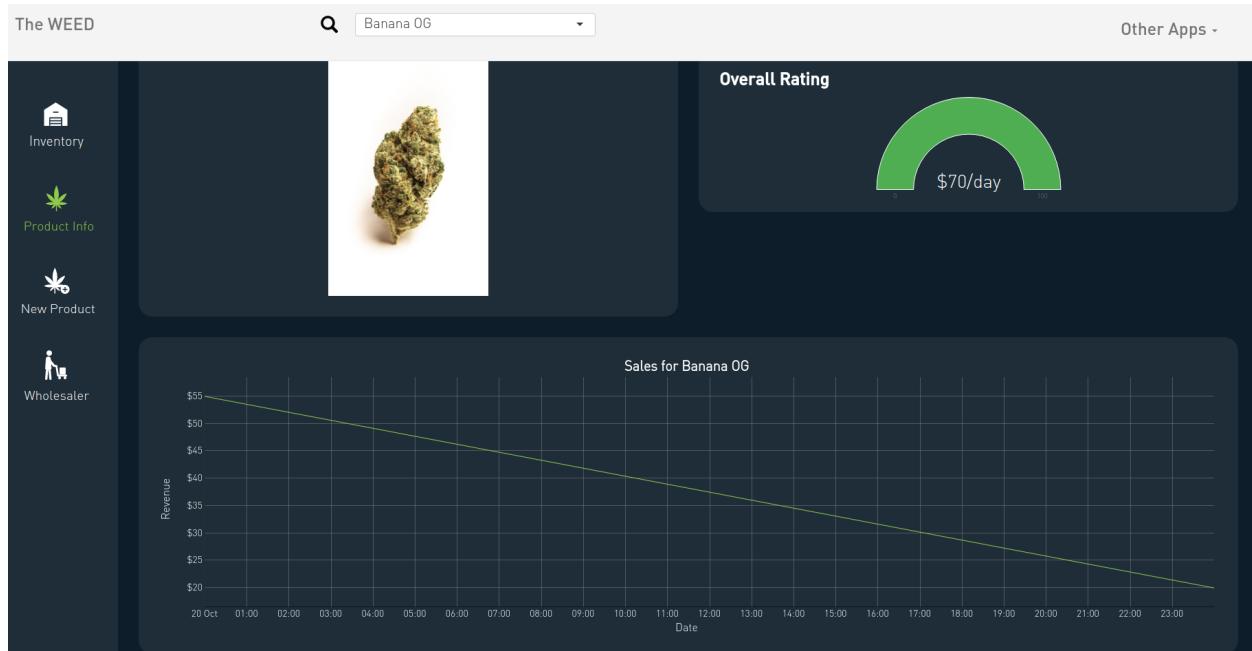


Figure 3.5: Current Inventory Table

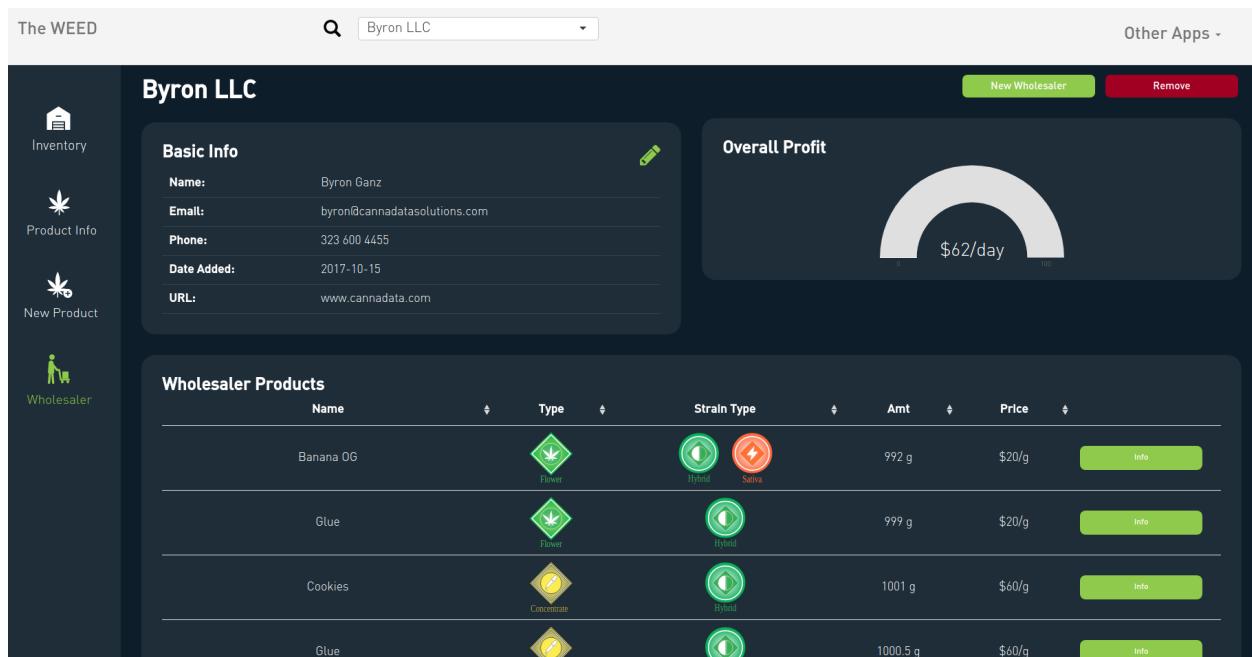


Figure 3.6: Wholesaler Info

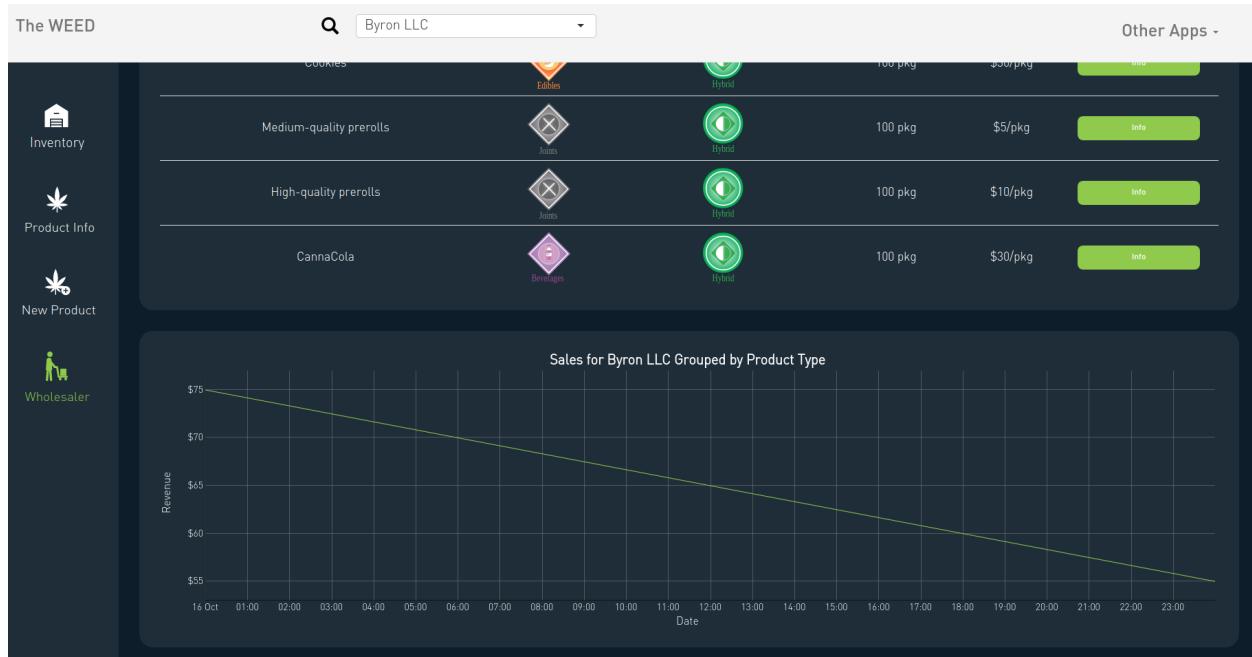


Figure 3.7: Wholesaler Analytics

New Wholesaler

Basic Info

Wholesaler Business Name:

Wholesaler Contact Name:

Wholesaler Phone Number:

Wholesaler Email:

Wholesaler URL:

Add Wholesaler

Strain Info

Strain*:

THC:

CBD:

Wholesaler Info

Wholesaler*:

New

Figure 3.8: New Wholesaler in New Inventory Page

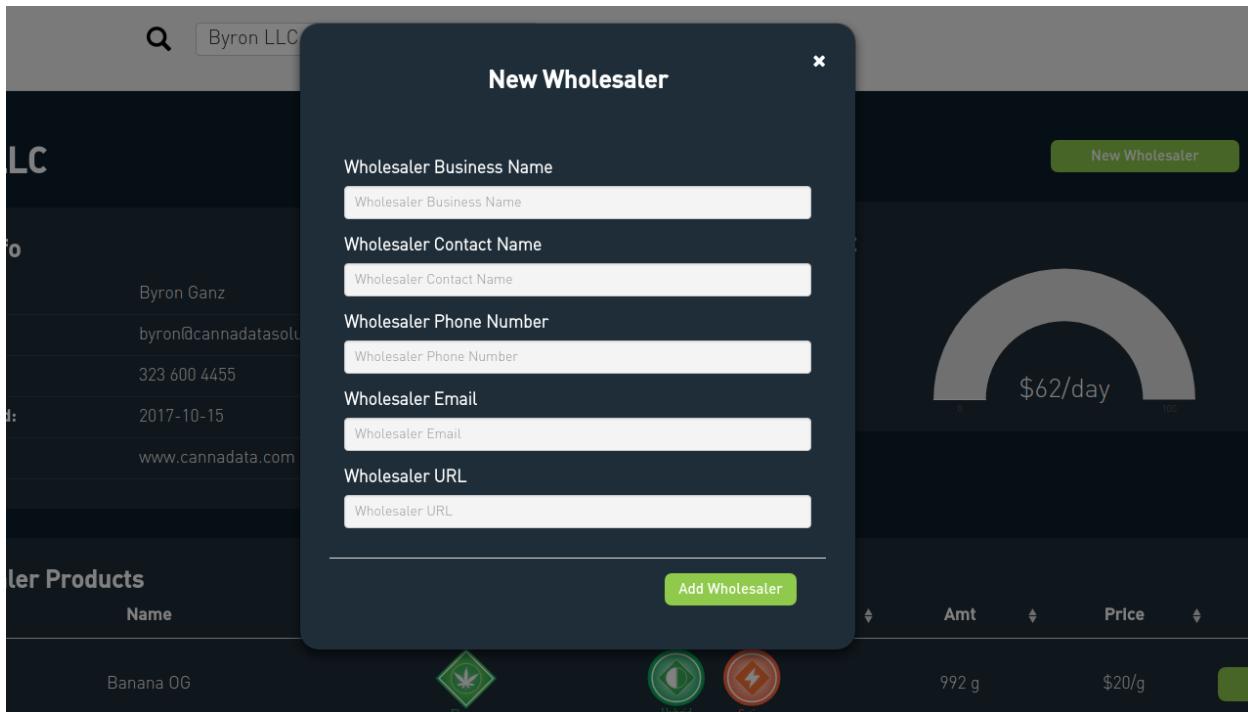


Figure 3.9: New Wholesaler in Wholesaler Info Page

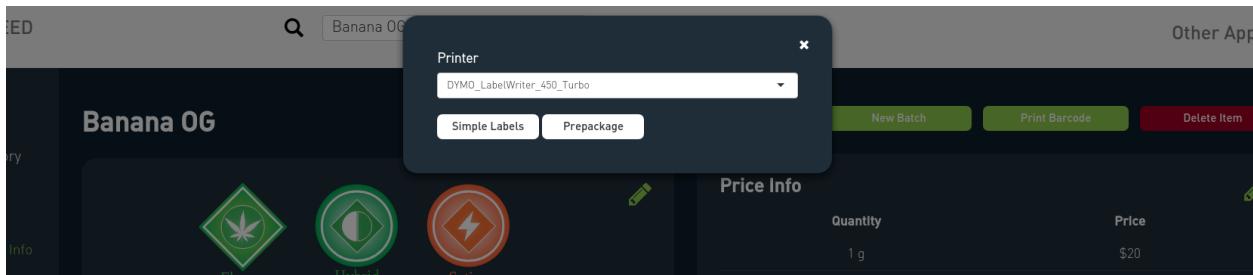


Figure 3.10: Select label type and printer

3.6 Labels

Many dispensaries use labels and barcodes to organize their inventory. There are two frameworks for using labels:

1. Prepackage all products in advance
2. Keep products in larger container, and weigh out and package for each sale like a deli

The second method is the most common, and it typically requires printing one or two labels to place on the primary container. The first method involves printing out a label for each prepackaged unit.

The product info page has a “print label” button, which provides the user with a choice of either printing *simple* labels for the second method, or prepackaging the product.

If you select prepackage, you must enter the quantity being prepackaged, and the number of packages (i.e. if you plan on packaging 25 1/8th containers you would enter 3.5 grams, and 25 packages)

Labels contain QR codes, which internally function as regular barcodes. Outside of the application, the QR

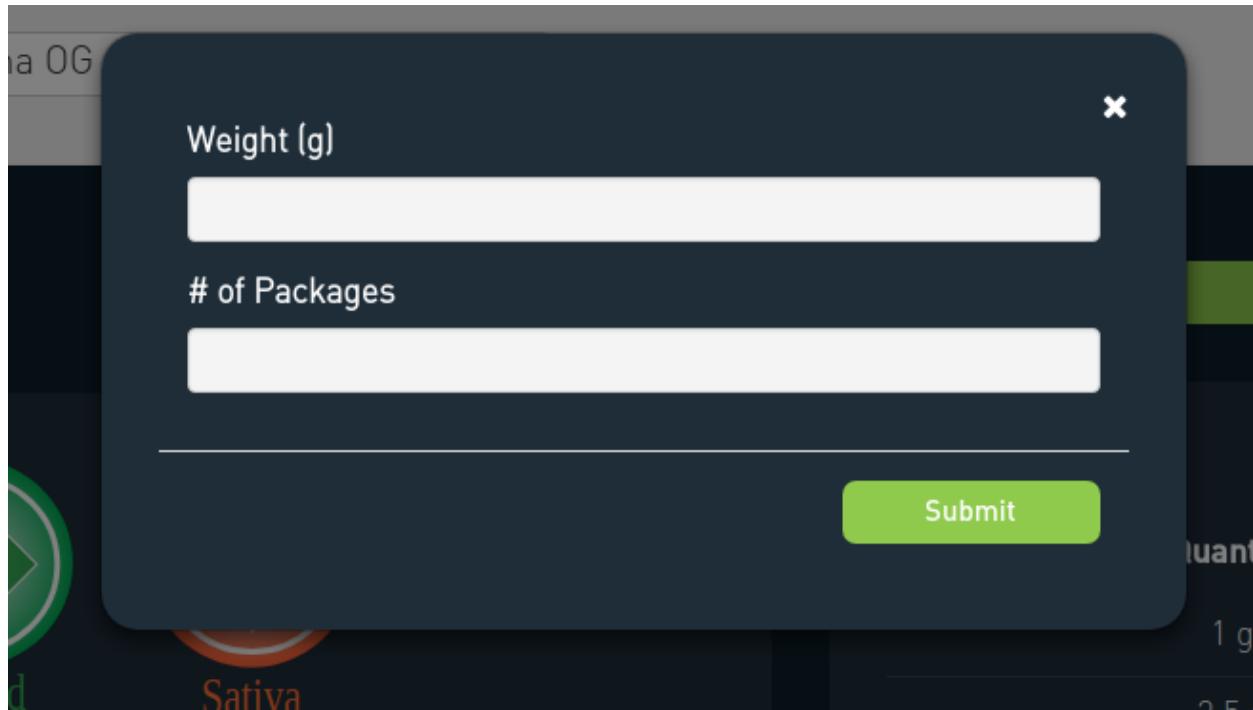


Figure 3.11: Prepackage prompt

codes point to the item's info page on your online menu.

Simple labels are primarily used internally.

Prepackage labels display the quantity.

More detailed labels are printed at point of sale when item is not prepackaged.

Banana OG (S/H)



Figure 3.12: Simple Label

Banana OG (S/H)

3.5 g



Figure 3.13: Prepackage label

Chapter 4

Point of Sales

The point-of-sales application provides facilities for:

- Viewing patient info
- Viewing current inventory
- Processing transactions

4.1 Patient Selection

Most transaction begin by selecting the patient. The list of checked-in patients is available in the navbar.

If you scan a barcode, or select an item without choosing a patient first you must select the patient when adding the item to the cart.

4.2 Patient Info

Once a patient is selected, their information appears at the top.

More information about the patient is available by pressing the eyeball to the top right of the patient information.

This provides details about the patient's purchase history, as well as the specifics of the patient's previous transactions.

4.3 Sales

There are two ways to add an item to the cart: by scanning a barcode, or by selecting an item from the inventory table. When scanned, or selected, the budtender is prompted to enter the exact information about the sale: the quantity sold, and the price. The budtender also has the option of applying a discount. (The discount info is automatically populated if you register the coupon in the connect app i.e. if you create Wax Wednesday the discount will automatically populate for concentrates on Wednesdays)

You can enter arbitrary quantities, and it will determine the price. Discounts can be added as either flat rates (i.e. \$10) or percentages.

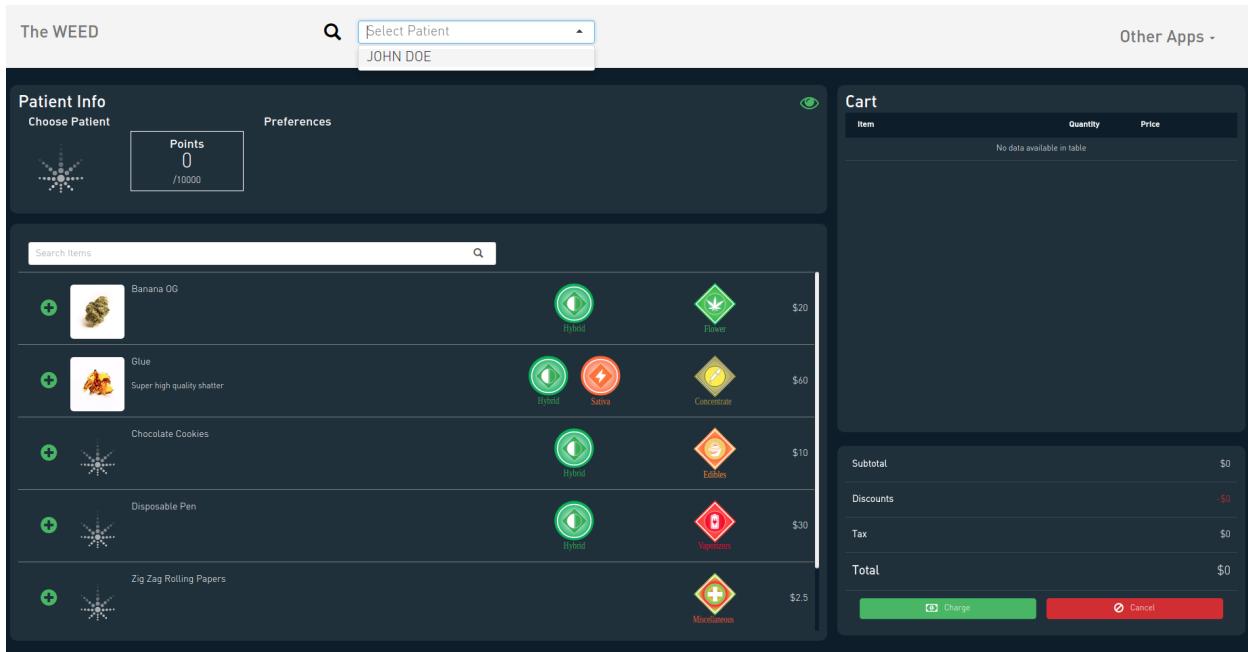


Figure 4.1: Checked-in Patients can be selected in navbar

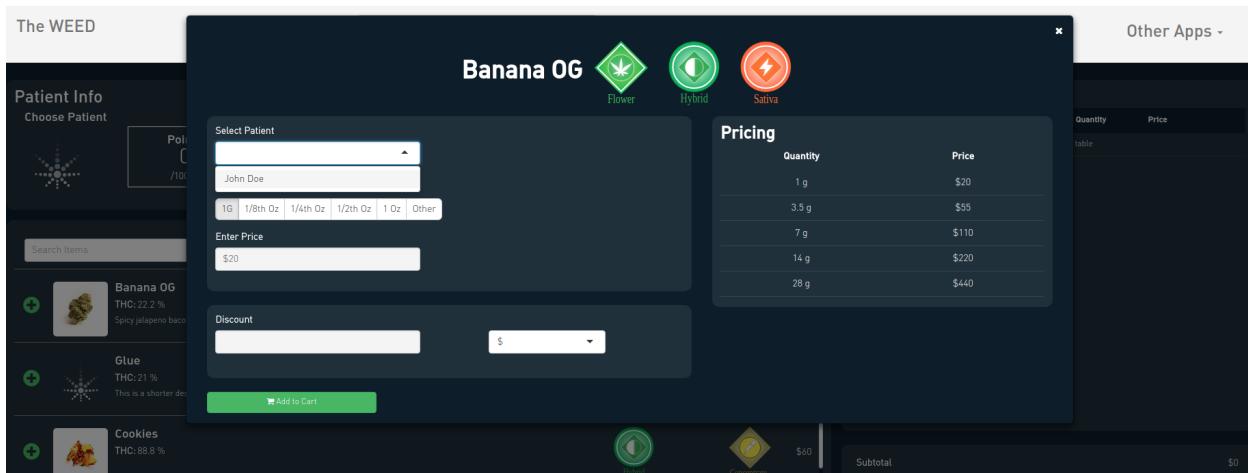


Figure 4.2: Select patient when adding to cart

The screenshot shows the main interface of the The WEED app. At the top, there's a search bar with "JOHN DOE" and a dropdown arrow, and a link to "Other Apps".

Patient Info: Shows a placeholder California ID card for "JOHN DOE". Below it, a "Points" section displays "0 /10000". Under "Preferences", there are four icons: Edibles (orange), Tinctures (teal), Sativa (red), and Hybrid (green).

Search Items: A search bar with "Search Items" and a magnifying glass icon. Below it is a grid of product cards:

- Banana OG: \$20 (Hybrid)
- Glue: \$60 (Sativa, Concentrate)
- Chocolate Cookies: \$10 (Hybrid)
- Disposable Pen: \$30 (Edibles, Vapepen)
- Zig Zag Rolling Papers: \$2.5 (Miscellaneous)

Cart: A table titled "Cart" with columns "Item", "Quantity", and "Price". It displays the message "No data available in table".

Total Summary:

Subtotal	\$0
Discounts	-\$0
Tax	\$0
Total	\$0

Buttons: "Charge" (green) and "Cancel" (red).

Figure 4.3: Patient info appears once patient is selected

This screenshot shows a detailed view for patient "JOHN DOE".

Basic Info:

California ID:	PY292929
DOB:	1991-11-11 [25 years old]
Address:	33 SMOKEY ST
City:	LOS ANGELES
Zip:	91919
Email:	carl@cannadasolutions.com
Deals by Email:	NO
Phone:	8182148420
Deals by Text:	YES

Medical Info:

Expiration Date:	2017-12-13
Physician:	Dr Doctor
Medical Card ID #:	12345678
Medical Condition:	Pain

Patient History:

Date	Time	Total
10/10/2017	03:52 PM	\$0
10/04/2017	02:48 PM	\$85

Product Types:

A pie chart showing the distribution of purchases by product type:

- Flower: \$55
- Concentrate: \$30

Figure 4.4: Detailed info about the patient

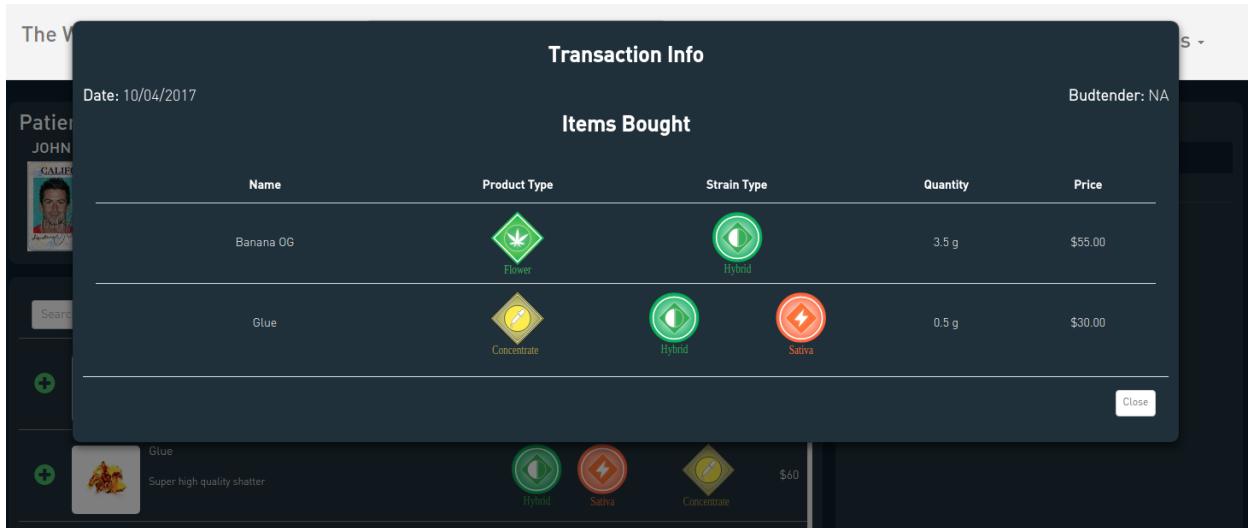


Figure 4.5: Details from patient's previous transaction

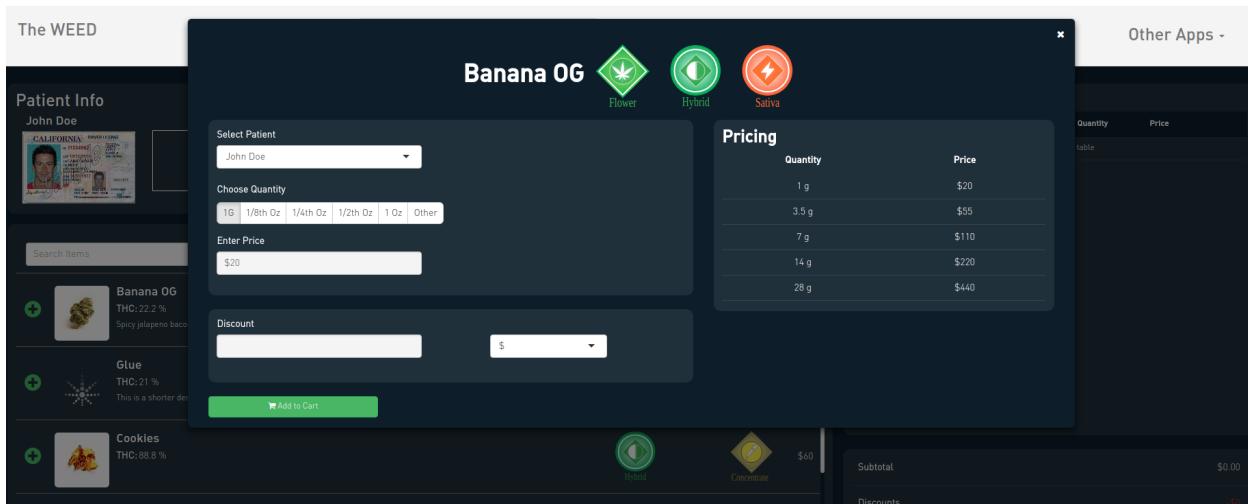


Figure 4.6: Adding 1/4th of an Oz of Banana OG

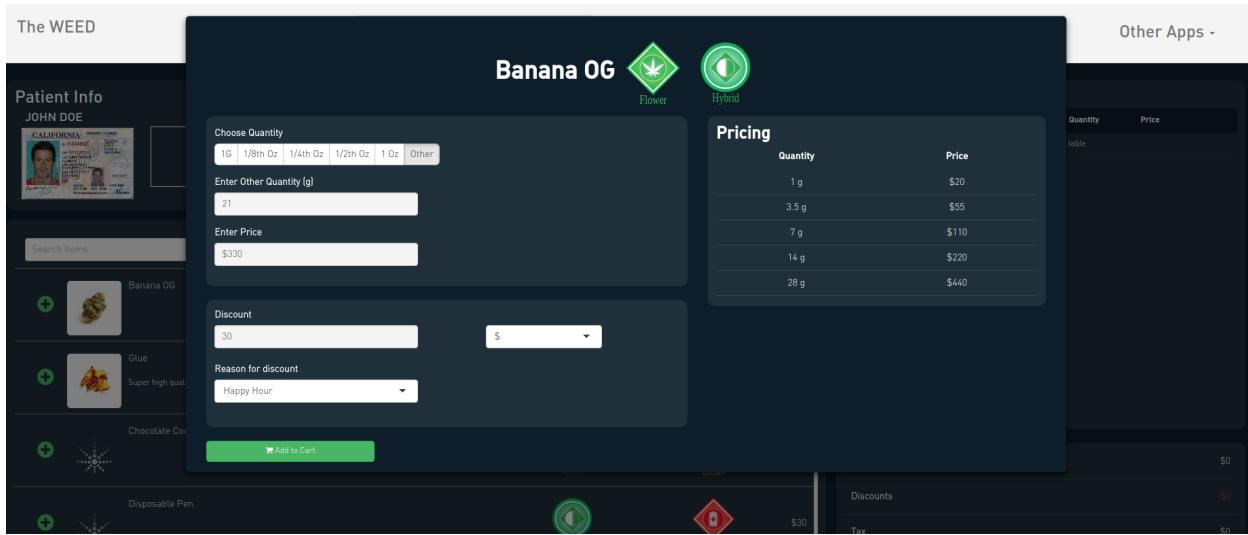


Figure 4.7: Adding 21 grams of Banana OG, and applying Happy Hour discount

When added, the item appears in the cart. This information is not session specific so you can leave the app, or process another patient's transaction, and when you return the item will remain in the patient's cart.

Item's in the cart can be edited by pressing the green pencil.

4.4 Labels

When non-prepackaged flower, or concentrate is added to cart a label is generated. The QR points to the product's info page on your web menu.

4.5 Searching

When not using a barcode, it is often useful to search for the item you are entering by name. You can also search for items by various attributes like product type, strain name, strain type, and description.

4.6 Completing Transaction

To complete the transaction press the green "charge" button on the bottom right. This will prompt the budtender to enter the amount of cash tendered. The budtender can enter the amount by either entering the bills (i.e. if budtender is handed two twenties and a ten they press \$20, \$20, \$10) or by simply entering the amount (i.e. press 5 then 0).

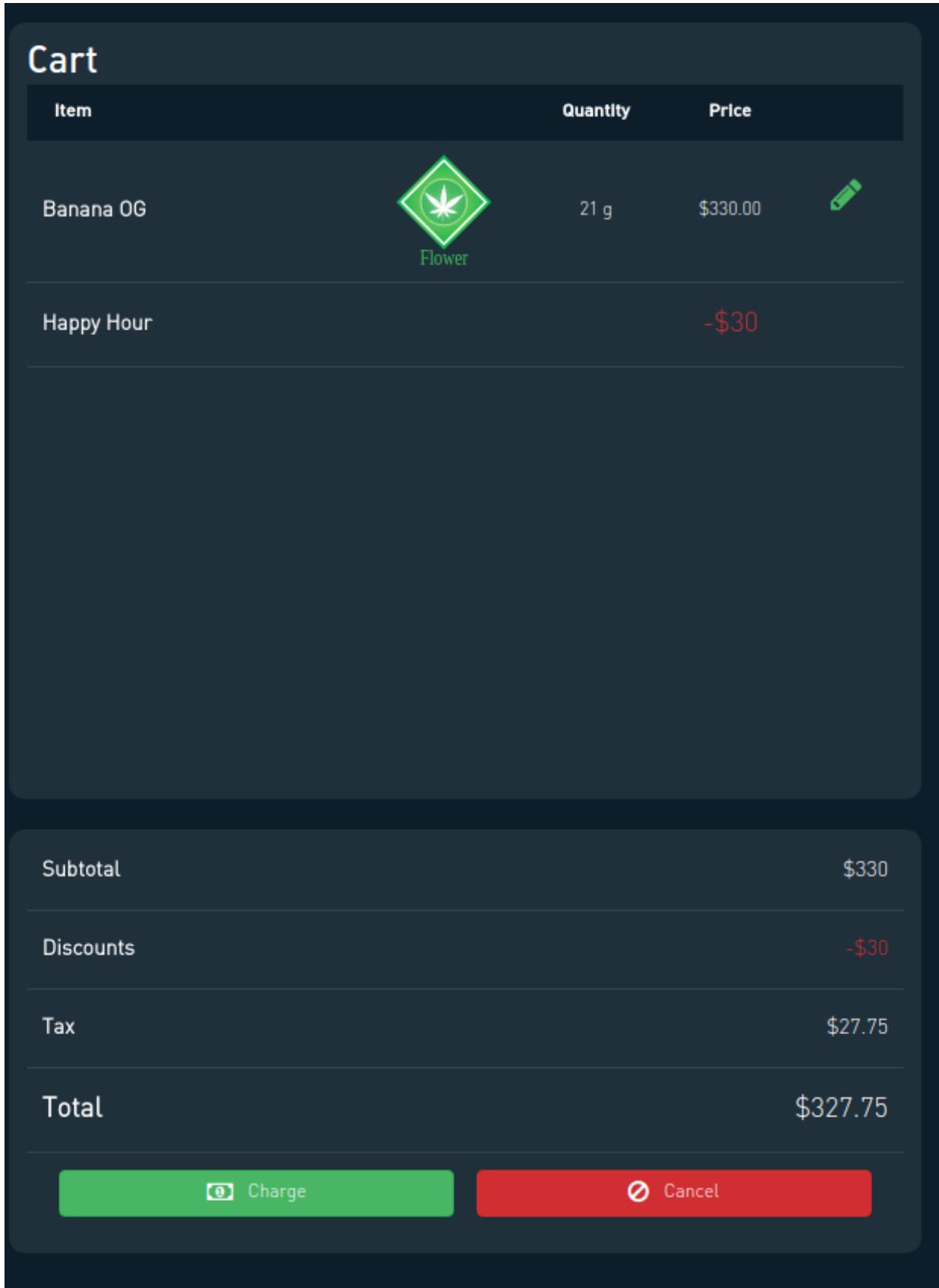


Figure 4.8: Cart after adding Banana OG

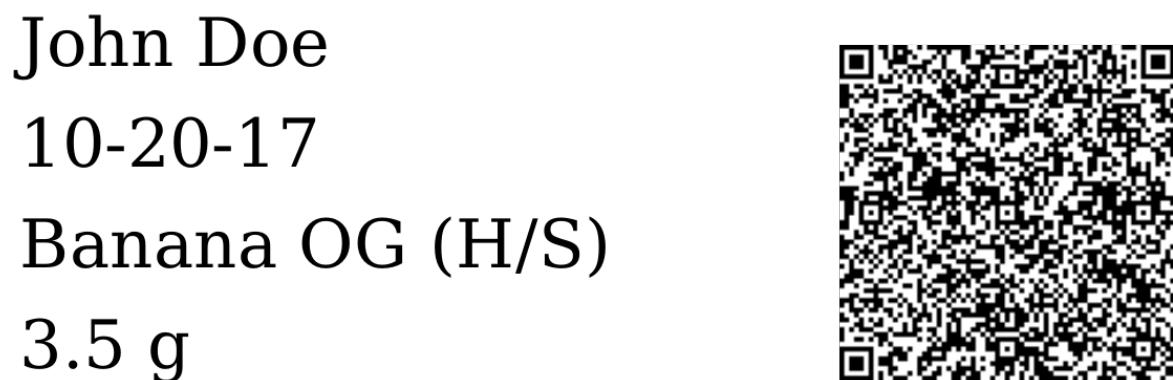


Figure 4.9: Label generated at sale

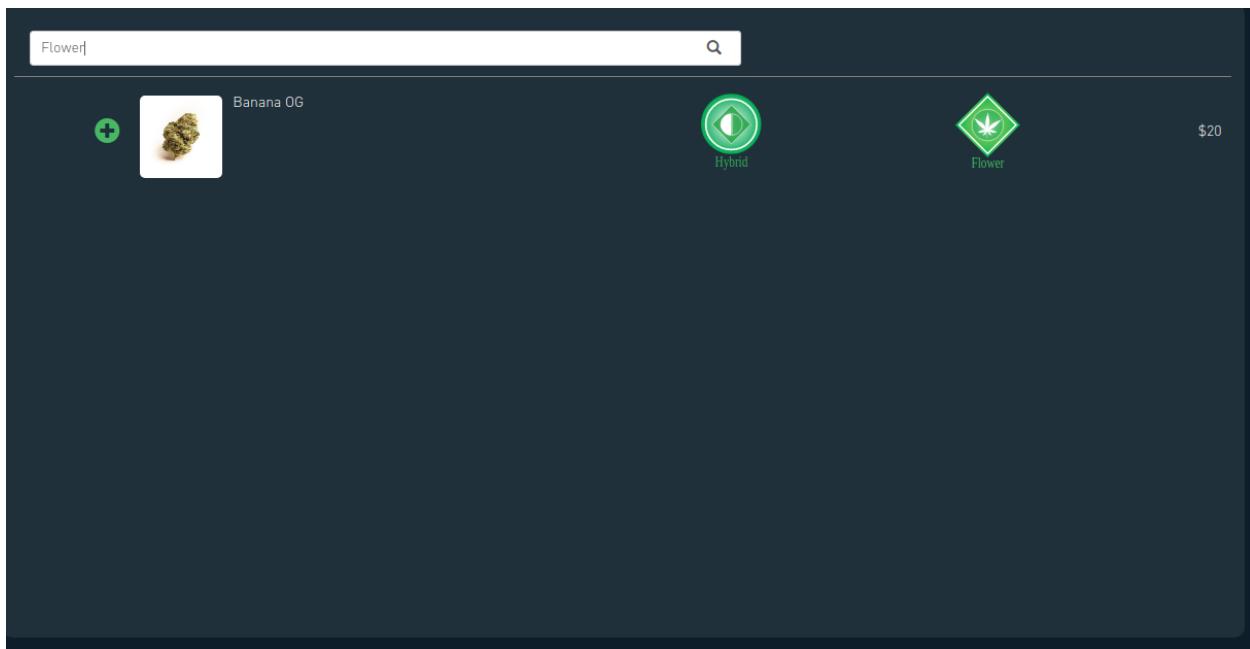


Figure 4.10: Searching for flower in inventory

The screenshot shows a POS application interface for "The WEED". At the top left is the logo and name. A search bar and a patient info section for "JOHN DOE" are visible. Below is a "Patient Info" card with a photo, ID, and points (0/10000). There are "Preferences" sections for "Edibles" and "Tinctures". A sidebar lists items like Banana OG, Glue, Chocolate Cookies, Disposable Pen, and Zig Zag Rolling Papers. The main area displays a "Total is: \$327.75" message. Below it is a "Cash" payment screen with a grid of buttons for \$1, \$5, \$10, \$20, \$50, and \$100 bills. An "Amount Paid" input field contains "\$0". To the right is a "Cart" section showing "Banana OG" and "Happy Hour" items, and an "Other Apps" section.

This is a close-up view of the cash payment screen from the previous screenshot. The total amount is prominently displayed as "Total is: \$327.75". Below it is the word "Cash". The payment screen features a grid of buttons for selecting bill denominations (\$1, \$5, \$10, \$20, \$50, \$100). An "Amount Paid" input field shows "\$330". Below the input field is another grid of buttons for entering the amount paid, labeled with digits 1 through 9 and a decimal point, along with a "Clear" button.

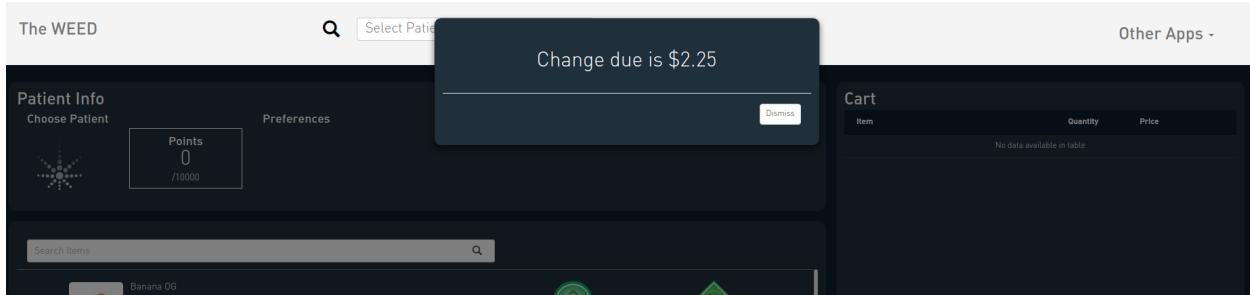
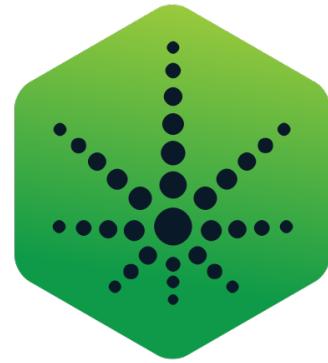


Figure 4.11: After submitting amount paid, the amount of charge is given

Once the amount paid is submitted, the amount of change is returned, and the transaction is complete.

A receipt is generated with your logo, and a QR code pointing to a online survey about the products they purchased.



CannaDataTM

Patient: John Doe
Date: Oct 20 2017, 03:15:31 PM

Item	Price
Banana OG 3.5 (g)	\$55.00
Subtotal	\$55
Discount	-\$0
Tax	\$5.09
Total	\$60.09
Cash	\$65
Change	\$4.91



Scan QR code to win free dabs!

Prop 65 Warning: Marijuana smoke is a chemical known to the State of California to cause cancer.

Figure 4.12: Receipt with CannaData logo

Chapter 5

Connect

Many dispensaries try to encourage patients to come to their store with coupons, and targeted messages. The Connect Application provides facilities for:

- Creating coupons/deals
- Reaching out to patients via text, or email

5.1 Sidebar

On the left of the page is a sidebar with five options. The five subpages are:

- Homepage: where you can view all coupons, and past messages.
- New Coupon: where new coupons can be created.
- Coupon Info: when a coupon is selected this page displays information about the coupon.
- New Message: where new messages can be created.
- Message Info: when a message is selected this page displays information about the message.

5.2 Homepage

The homepage has tables listing all coupons, and past messages. You can view more information about a coupon or message by pressing the info button in the homepage or by selecting the item in the search bar at the top.

5.3 Coupons

5.3.1 New Coupons

The required information for a new coupon is:

- A name
- A discount (either a flat amount i.e. \$10, or a percentage i.e. 10%)

The screenshot shows the homepage of 'The WEED' application. On the left, there's a sidebar with icons for 'Homepage', 'New Coupon', 'Coupon Info', 'New Message', and 'Message Info'. The main content area has two sections: 'Coupons' and 'Messages'.

Coupons Section:

Name	Amount	Start Date	End Date	Action
Wax Wednesday	\$5	2017-10-21	NA	<button>Info</button>
Sativa Saturday	\$10	2017-10-21	NA	<button>Info</button>
Edible Monday and Friday	\$5	2017-10-21	NA	<button>Info</button>
Happy Hour	10%	2017-10-21	NA	<button>Info</button>

A search bar at the top is set to 'Wax Wednesday'. A dropdown menu shows details for this coupon: Name: Wax Wednesday, Date: 2017-10-21, Coupon Target: Type. Other coupons listed are Sativa Saturday, Edible Monday and Friday, and Happy Hour.

Messages Section:

Content	Date	Type	Action
Don't forget to come in for Sativa Satur...	2017-10-21	text	<button>Info</button>
Check out these specials: * \$5 off all ...	2017-10-22	email	<button>Info</button>

Navigation buttons for 'Previous', '1', and 'Next' are visible at the bottom of both tables.

Figure 5.1: Homepage

- A minimum quantity or amount (either a minimum total amount spent i.e. \$60, or a quantity i.e. 3.5 grams)
- Which products the discount applies to. Options include:
 1. Total (i.e. take 10% off total bill)
 2. All products of a certain type (i.e. on Wax Wednesdays you discount **all** concentrates)
 3. All products of a strain type (i.e. Sativa Saturday)
 4. Specific products
- Lastly you have to choose when the coupon is active

5.3.2 Coupon Info

You can view information about existing coupons by selecting them in the search box in the top or in from the table in the homepage. The coupon info page provides basic information that can be edited as well as a list of current inventory that are discounted when the coupon is active.

The WEED

Wax Wednesday

Other Apps ▾

Add New Coupons

Basic Info

- Name *
- Discount * \$
- Minimum Spent Max

Date Info

- Start Date* 2017-10-22
- End Date
- Start Time * 10:00 AM
- End Time * 08:00 PM
- Days of Week Su M Tu W Th F Sa

Apply To

- Submit Clear
- Total Products Types Strains

Figure 5.2: Blank new coupon

The WEED

Wax Wednesday

Other Apps ▾

Add New Coupons

Basic Info

- Name *
- Discount * \$
- Quantity 0.5 [g] Max

Date Info

- Start Date* 2017-10-22
- End Date
- Start Time * 10:00 AM
- End Time * 08:00 PM
- Days of Week Su M Tu W Th F Sa

Apply To

- Submit Clear
- Total Products **Types** Strains
- 1 Items

Product Types

Flower	Concentrate
Edibles	Beverages
Saps	Vapors
Tinctures	Dabs
Extracts	Accessories

Figure 5.3: Blank new coupon targeted at all concentrates

The screenshot shows the 'Add New Coupons' interface. On the left sidebar, there are links for Homepage, New Coupon, Coupon Info, New Message, and Message Info. The main area has tabs for 'Basic Info' and 'Apply To'. Under 'Basic Info', fields include Name (Wax Wednesday), Discount (\$5), Quantity (1 g), and Max (Unlimited). Under 'Apply To', it shows 2 items selected: Banana OG (Flower, H/S) and Glue (Concentrate, H). A search bar and dropdown for Total, Products, Types, and Strains are also present.

Figure 5.4: Blank new coupon targeted at specific items

The screenshot shows the 'Wax Wednesday' coupon details. The basic info includes Name: Wax Wednesday, Add Date: 2017-10-21, Discount: \$5, Quantity: 0.5 g, and Max: Unlimited. The date info shows Start Date: 2017-10-21, End Date: NA, Start Time: 10:00 AM, End Time: 08:00 PM, and Days of Week: W. The current items section lists products: Glue (Concentrate, H), Blue Dream (Concentrate, H), King Louis (Concentrate, H/I), Banana OG (Concentrate, H/I), and Candy OG (Concentrate, H/S). A navigation bar at the bottom shows Previous, 1, and Next.

There is a graph of daily sales for the discounted products, which enables you to see if the coupon created a positive bump.

5.4 Messages

5.4.1 New Messages

To send a new message out to patients you are required to enter:

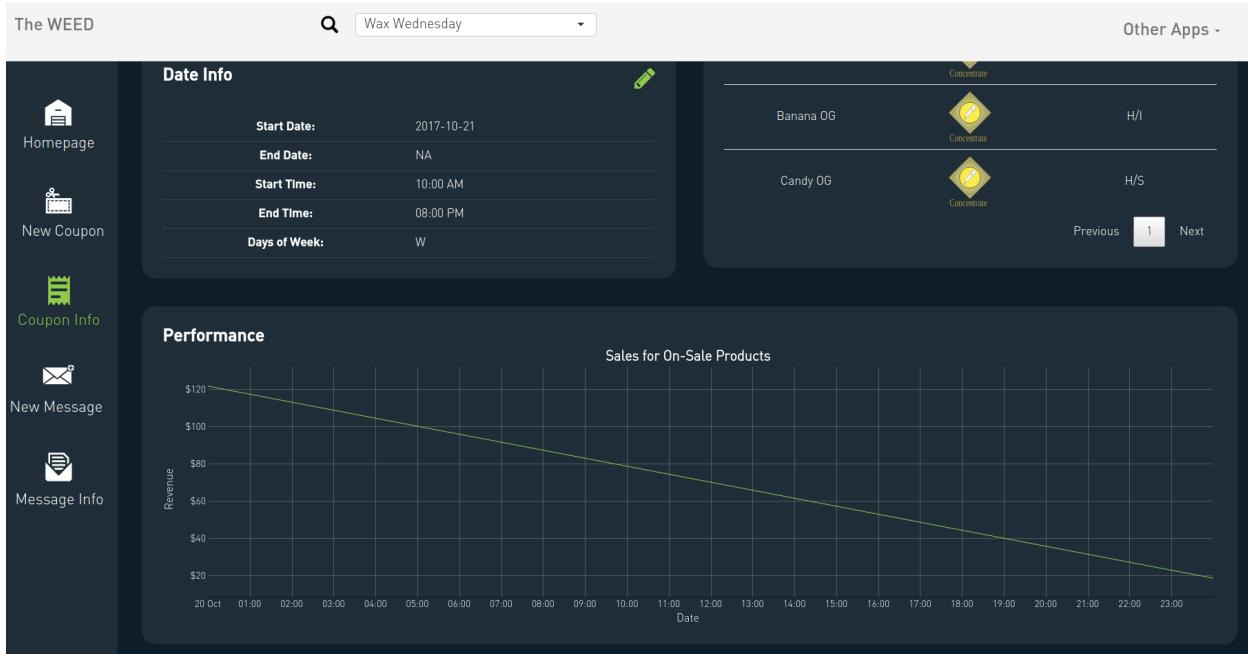


Figure 5.5: Graph of Sales

- Message type (text or email)
- Audience (based on patient preferences)
- The message
- If you send an email a subject is required

5.4.2 Message Info

You can review the info about past messages by selecting the message in the search box at the top or in the table in the homepage. This will give you basic info about the message like when it was sent, to whom, and its content. There is also a graph of daily sales of the patients who were messaged, which makes it easy to check whether the message led to a noticeable increase in sales.

The WEED Other Apps -

New Message

Basic Info

Type* SMS/MMS Email

Coupon Wax Wednesday

Target Audience

All Types Strains

Size 1 Cost \$0.0075

Patients

Content

Message* Enter text to send as SMS

Image Browse... No file selected

Figure 5.6: New Text Message

The WEED Other Apps -

New Message

Basic Info

Type* SMS/MMS Email

Coupon Wax Wednesday

Target Audience

All Types Strains

 Flower	 Concentrate	 Edibles	 Beverages	 Dabs
 Saps	 Vapors	 Tinctures	 Gummies	 Paraphernalia

Size 1 Cost \$0.0075

Patients

Content

Message* Don't forget to come in for Wax Wednesday!

Image

Figure 5.7: New Text targetted at patients who like concentrates

The WEED

New Message

Basic Info

Type*
SMS/MMS Email

Coupon
Wax Wednesday

Target Audience

All Types Strains

Size 1 Patients

Cost \$0.0005

Content

Subject *
Subject

Message*
Don't forget to come in for Wax Wednesday!

Image
Browse... No file selected

Submit Send Test Clear

Figure 5.8: New Email

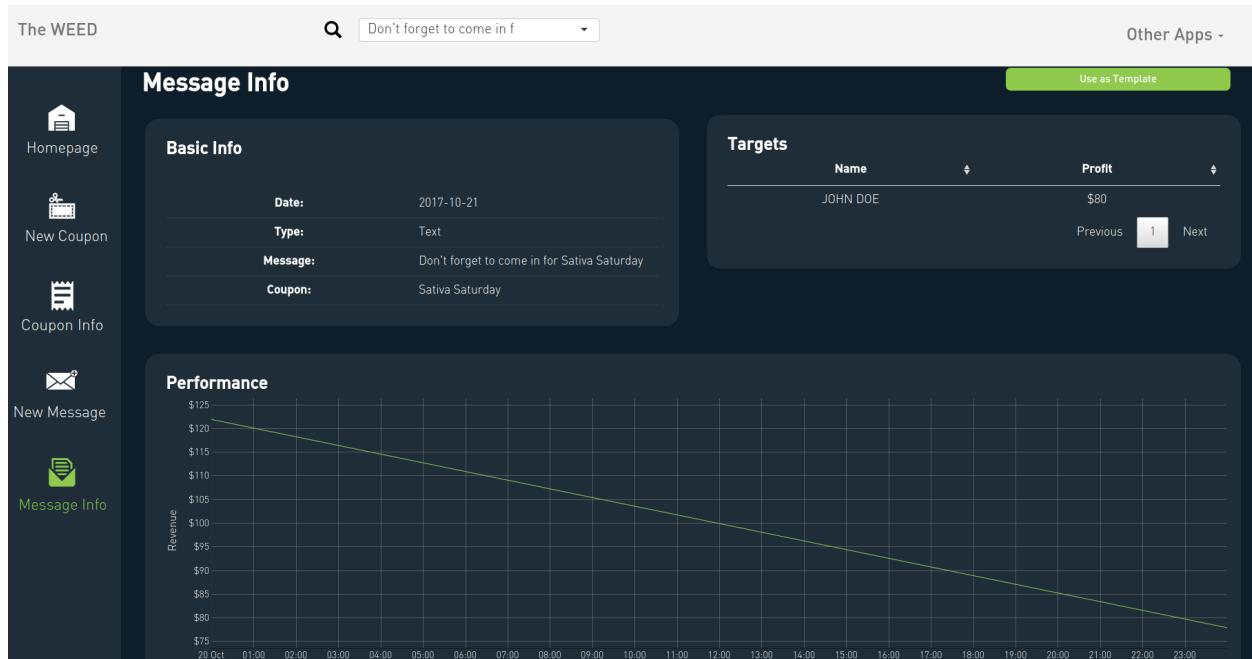


Figure 5.9: Message Info for Wax Alert

Chapter 6

Online

CannaData makes it easy to integrate an online menu, and preorders into your website. This documentation explains how online preorders are processed. For information on how to embed the CannaData menu and preorder platform into your website please contact a CannaData representative.

6.1 Menu

The online menu provides consumers with an easy to navigate platform, where they can view information about your products, and make preorders.

The top of the page provides a search bar, and icons for each product type. You can easily jump to the section related to the products you are interested in by pressing the icon for that product type.

When you select an item, the product info page appears. If available, this page includes the the product's THC and CBD content, a description, links to the product's website, the wholesaler's website, and the option to add the item to your cart.

After items are added to the cart, a cart will appear in the lower right corner displaying the number of items added.

Clicking on the cart lets you view the items, edit them, or check out.

When checking out the patient must enter their contact information, and prove they are not a robot.

After they submit the order, they will receive a message by SMS, and email with a confirmation link. The patient must click the link, and confirm they are not a robot for the preorder to be processed.

Once the patient confirms their order the order will appear in the frontdesk discussed here.

Search Items

 Flower  Concentrate  Edibles  Joints  Paraphernalia

Flower

- Banana OG (H/S)**
THC: 21.1%
CBD: 1.1%

1 3.5 7 14 28
\$20 \$55 \$110 \$220 \$440
Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon f... [»»](#)
- Blue Dream (H/S)**
THC: 18.8%
CBD: 1.1%

1 3.5 7 14 28
\$15 \$50 \$100 \$200 \$400
Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon f... [»»](#)
- Purple Haze (H)**
THC: 21.1%
CBD: 1.1%

1 3.5 7 14 28
\$20 \$55 \$110 \$220 \$440
Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon f... [»»](#)
- GDP (I)**
THC: 21.1%
CBD: 1.1%

1 3.5 7 14 28
\$20 \$60 \$120 \$240 \$480
Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon f... [»»](#)

Concentrate

Figure 6.1: Top of menu


\$30 \$60 \$120 \$180 \$300 [»»](#)

Banana OG (H/I)
THC: 21.1%
CBD: 1.1%

0.5 1 2 3 5
\$30 \$60 \$120 \$180 \$300
Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon f... [»»](#)

Candy OG (H/S)
THC: 21.1%
CBD: 1.1%

0.5 1 2 3 5
\$30 \$60 \$120 \$180 \$300 [»»](#)

Edible

Chocolate Cookies (H)
THC: 150 mg

1 2 3 5 10
\$20 \$40 \$60 \$100 \$200
Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon f... [»»](#)

Brownies (H)
THC: 150 mg

1 2 3 5 10
\$20 \$40 \$60 \$100 \$200 [»»](#)

Joint

Medium-quality prerolls (H)
THC: 150 mg

1 2 3 5 10
\$30 \$60 \$90 \$150 \$300 [»»](#)

Figure 6.2: Lower down in menu

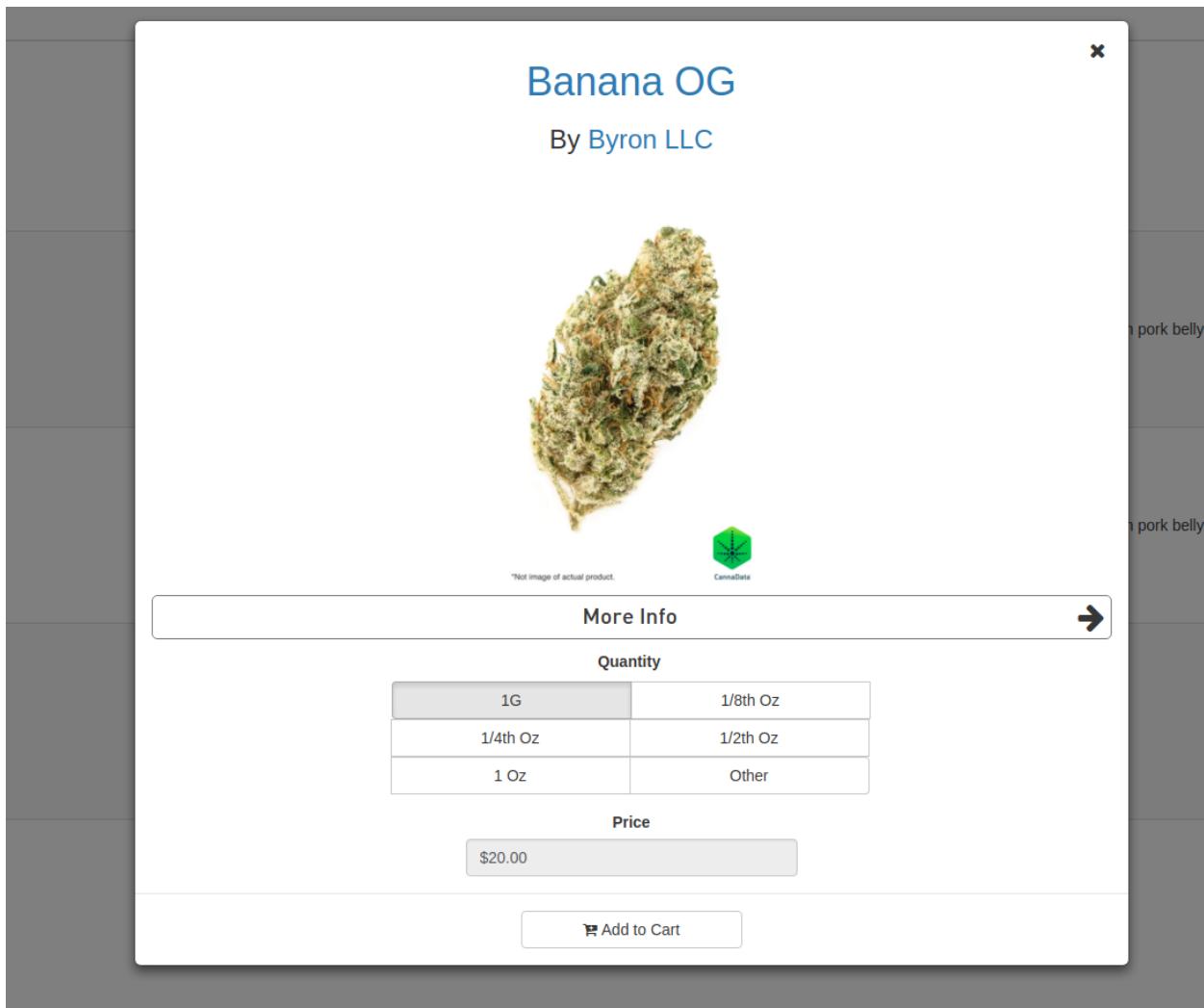


Figure 6.3: Product Info

Banana OG

By [Byron LLC](#)



*Not image of actual product.

CannaData

More Info ▼

THC: 21.1 % **CBD: 1.1 %**

Description

Spicy jalapeno bacon ipsum dolor amet capicola venison pork belly kielbasa pork chop filet mignon flank alcatra. Frankfurter kielbasa sausage tenderloin shoulder short loin rump chicken pig spare ribs leberkas shankle. Chicken venison burgdoggen shoulder tongue ham hock porchetta drumstick andouille brisket cow. Cupim turkey shank alcatra doner. Tail picanha pig, short loin prosciutto swine shank pork loin.

Quantity

1G	1/8th Oz
1/4th Oz	1/2th Oz
1 Oz	Other

Price

\$20.00

Add to Cart

Figure 6.4: Product Info with details

Candy OG



Quantity

1/2G	1G
2G	Other

Price

\$30.00

 Add to Cart

Figure 6.5: Product Info for product without details

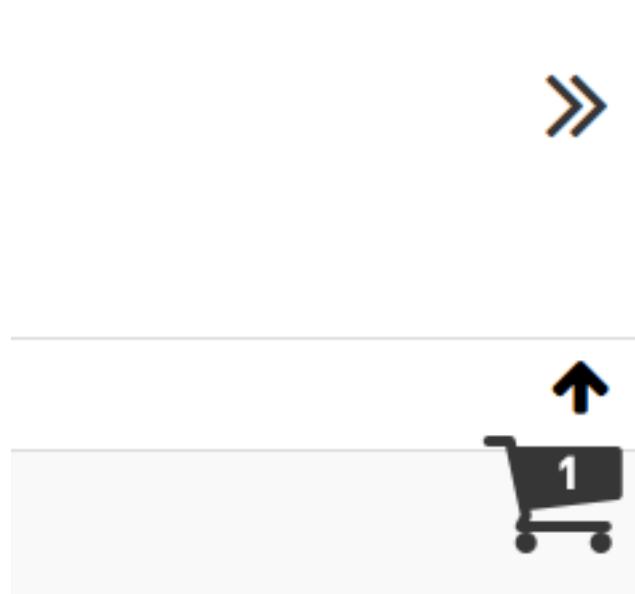


Figure 6.6: Cart

Spicy jalapeno bacon ipsum dolor amet capicola venison pork

Cart

	Banana OG (H/S)		3.5 g	\$55.00
	Blue Dream (H)		0.5 g	\$30.00
	Chocolate Cookies (H)		3 pkg	\$60.00
			Subtotal	\$145.00
			Tax	\$ 13.41
			Total	\$158.41

Check Out

A screenshot of a mobile application's cart screen. The title 'Cart' is at the top. Below it is a table with three rows of items. Each row contains an edit icon, the item name, an icon representing the product type, the quantity or size, and the price. At the bottom of the table are summary lines for Subtotal, Tax, and Total. A 'Check Out' button is at the bottom.

Figure 6.7: Cart screen

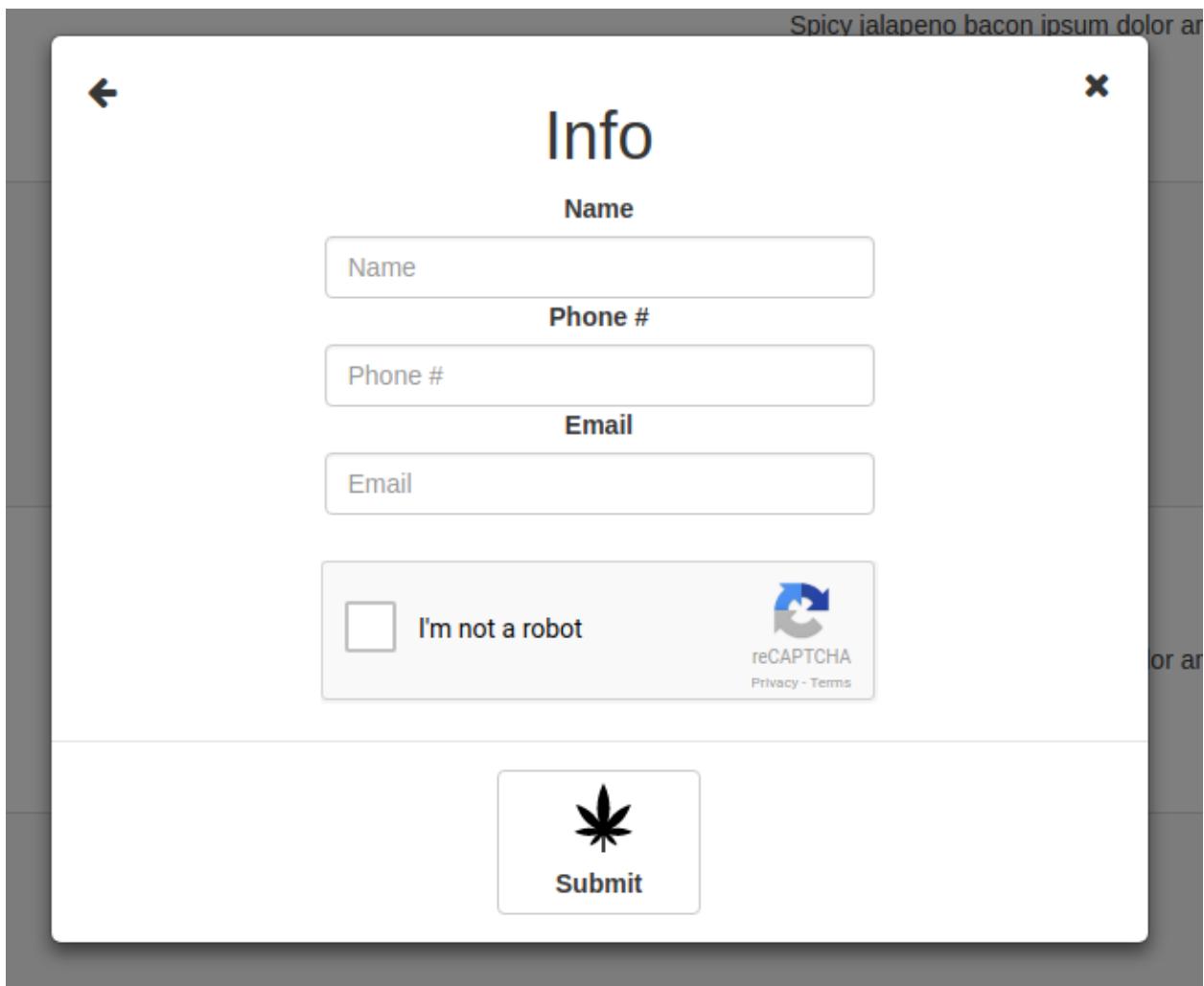


Figure 6.8: Check out

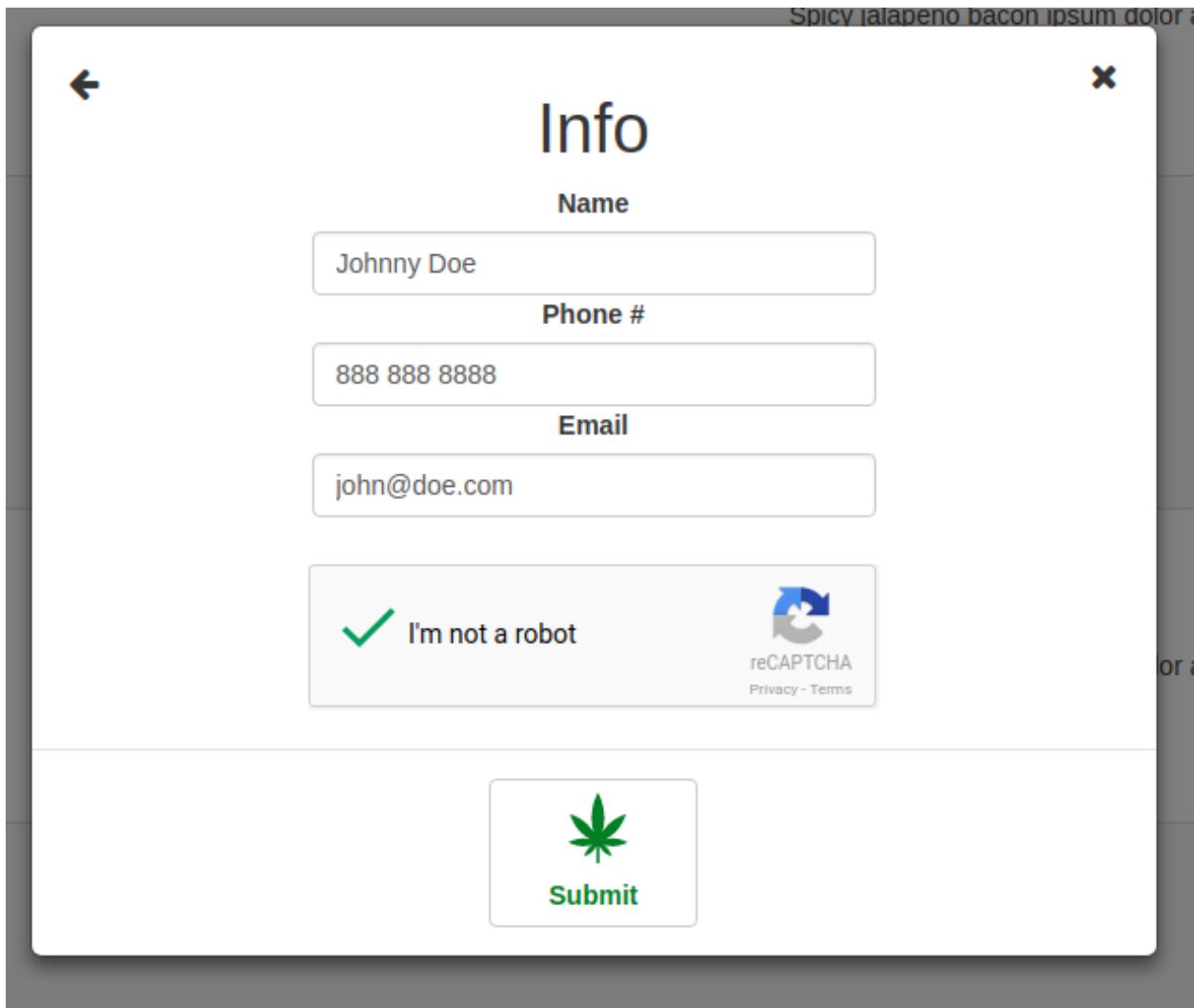


Figure 6.9: Check out completed

Please confirm your order by clicking the box below

A simplified version of the reCAPTCHA interface. It features a checkbox labeled "I'm not a robot", the reCAPTCHA logo, and links for "Privacy - Terms". Below this is a green "Submit" button.

Figure 6.10: Confirmation link