Overall Features:

1. Main portal for pharmacy: HIPAA compliant, receives all rx from provider's portal.
2. Provider portals: HIPAA compliant, sends all rx data to pharmacy portal and receives status info, reports etc from pharmacy portal.
3. Client Management portal: HIPAA compliant, gets group of selected provider's data from pharmacy portal, provider has right to cancel that access.
4. Web based with Back Up security and database redundancy like AWS

1.   Pharmacy Portal:

1. Patient demographics
2. Corporate Management: single or multiple practices
3. Provider Management: single
4. Client Management: can manage corporate or providers without prescribing authority
5. Prescription
6. Rx formula
7. Ingredients
8. Workflow
9. Reports
10. Interface with stamps.com, fedex, quickbooks online, if possible
11. User Management

1. Patients demographics:

Name (Firstname , Middle, Lastname)
Gender
Address
Date of Birth
Phone:
Email:
Allergy info
veterinary (yes or no)

2. Corporate Management:

Entity Name
Corporate Contact Name
Address
Phone
Fax
Email
Specialty
Corporate List (Specific Formulas Corporate Uses)

Combo box containing providers portal (controls multiple providers)
Notes:
Logo: To link to the label printing(white label capability)

Reports: rx generated within date range, shipping history, detailed invoice transctions
Status : current status of rx

Additional fields:

Payment info:

CC   ACH

Attachment: Multiple attachments capability

3. Provider Management: (Single Provider)

Provider name:
Address:
Phone
Fax
DEA
NPI
State License: combo box with all states. Ability to add multiple state licenses. State of state license must match resident state of the patient, or it alerts during data entry or verification.
Practice: (Link to multiple practices)
Provider List (Select specific Formulas Provider Uses and Include Prices to Client)
Client_Corporate_Account: account provider belongs to

4. Client Management

Client Entity Name
Contact Name
Address
Phone
Fax
Email
Multiple Selection of Corporate and Providers
Logo: Ability to White Label Logo final product on Corporate Customer Products and Providers
Client List (Select Specific Formulas Client Uses for their corporate and Providers, Include Prices to Client)

5. Order and (Single or Multiple Prescription)

Date Requested
Rx Number (Sequential Integer 8 digits - Key)
Date Written
Rx Formula
SIG (Directions)
Qty Written
Units Written (grm, ml, each)
Days Supply
Provider name
Drug Scheduled
Date Filled
Date_use_by = Date Filled + Days Supply
Log_number: Sequential Integer Number (8 Digits starting with LG)(Each Rx generates a log number)

6. Rx Formula

Formula ID
Formula Name
Form: (Solution, Drops, Injectable, Cream)
Strength
package
pckgsize
Vials#
Vials_definition(vial_number,vial_class,vial_color)
Formula_Short_name (TXT)
Formula Procedure (Free txt Description Document)
Corporate or Client Account: Multiple Selection
Formula Pricing: Based on Client, Corporate or Provider level

Ingredient List #	Ingredient Name	Strength	Schedule	Quantity	Units	Active
1	DOG EPITHELIUM	1:20 W/V	L	0.03	ML	Yes
2	BERMUDA GRASS STD	10,000 BAU/ML	L	0.03	ML	Yes
3	SAGEBRUSH (COMMON MUGWORT)	1:20 W/V	L	0.03	ML	Yes

4	BOX ELDER /MAPLE	1:20 W/V	L	0.03	ML	Yes
5	WHITE MULBERRY	1:20 W/V	L	0.03	ML	Yes
6	OAK MIX	1:20 W/V	L	0.03	ML	Yes
7	PECAN POLLEN	1:20 W/V	L	0.03	ML	Yes
8	MESQUITE/ACACIA	1:20 W/V	L	0.06	ML	Yes
9	BLACK WALNUT POLLEN	1:20 W/V	L	0.03	ML	Yes
10	Sorrel/ Dock MIX	1:20 W/V	L	0.03	ML	Yes
11	RAGWEED MIX	1:20 W/V	L	0.04	ML	Yes
12	KOCHIA/FIRE BUSH	1:20 W/V	L	0.04	ML	Yes
13	LAMB'S QUARTER	1:20 W/V	L	0.04	ML	Yes
14	RUSSIAN THISTLE/WI	1:20 W/V	L	0.06	ML	Yes

	NGSCALE						
15	TIMOTHY GRASS	100,000 BAU/ML	L		0.03	ML	Yes
16	JOHNSON GRASS	1:20 W/V	L		0.03	ML	Yes
17	ALDER	1:20 W/V	L		0.03	ML	Yes
18	EASTERN COTTONWOOD	1:20 W/V	L		0.03	ML	Yes
19	AMERICAN ELM	1:20 W/V	L		0.03	ML	Yes
20	SYCAMORE	1:20 W/V	L		0.03	ML	Yes
21	Black Willow	1:20 W/V	L		0.03	ML	Yes
22	QUEEN PALM	1:20 W/V	L		0.03	ML	Yes
23	PINE, WHITE /EASTERN PINUS STROBUS	1:20 W/V	L		0.03	ML	Yes
24	BIRCH MIX	1:20 W/V	L		0.03	ML	Yes
25	ROUGH MARSH	1:20 W/V	L		0.03	ML	Yes

	ELDER						
26	NETTLE	1:20 W/V	L		0.03	ML	Yes
27	ROUGH PIGWEED/CARELESS WEED	1:20 W/V	L		0.03	ML	Yes
28	ENGLISH PLAINTAIN	1:20 W/V	L		0.03	ML	Yes
29	HACKBERRY	1:20 W/V	L		0.03	ML	Yes
30	GOLDENROD	1:20 W/V	L		0.04	ML	Yes
31	zHSA STERILE DILUENT	1:20 W/V	L		0	ML	No

i.e. Sample formula provided
Ingredients (I: 1,.....,n) Selectable Multiple Canned Ingredients
{ Ingredient id, Ingredient Name, Ingredient Strenght, Ingredient Qty, Ingredient_active,
Last_update,

7. Ingredients
Ingredient_id
Ingredient Name
Ingredient Common Name
Form
Strength
Scheduled (2,3,4,5,L,O)
Manufacturer_name

Entered_date
Qty
UnitCost
Lot#
Expiration Date
Active (y/n)
Last_update

8. Workflow Management Stages

Order Reception (email, fax, loaded, electronic(Internally generated by Providers or SureScripts))
                View Order (pdf File) at the Left Side
                Data Fields for (Provider, Patient, Prescription)

Order Entry (Data Entry, Re Enter)
                Show available List of Formulas for Provider at time of Data Entry
                Check for Patient to avoid duplicate Entry
                Ability to view Patient Dispensing History
                Ability to select Specific Ingredients at time of Data Entry
                Select Shipping Address (Client, Provider or Patient)
                Ability to enter multiple RX under one order.
                Ability to separate multiple Rx orders.
                Ability to upload and upload order on desktop

Order Pre Verification
                Show Script on the Left
                Show Rx Ingredients on the Right
                Ability to Edit Ingredients
                Ability to move to other stages

Order Filling
                Generate Lot# or Select a Lot# (from a batch)
                Generate Use by Date
                Print Formula Worksheet
                Ingredient LOT# List in Alphabetical ORDER
                Include Active Ingredient Count
                Patient Name and DOB
                Select or Enter Provider with Address

                Print Box Label and Vial Labels with (Logo, Rx# and Lot#) according to Specs per (Client, Corporate or Provider) & Formula combination.

Order Verification
                Verify all above
                Left Screen with Prescrition PDF file
                Right Screen with RX Information and Lot Number
Order Dispatch (Fedex, Stamps.com, Delivery, Pharmacy Pick up)

Thousand Oaks Healthcare LLC (Draft Software)

Ability to move back and forth from different stages
Ability to view different Queues with pertinent information at each stage
Open Script when double click
Tracking User at each stage

9. Reports

Data Mining Report, pretty match ability to export all fields in a preferred format
Daily Prescription Log (Filters Provider, Client, Corporate)
Dispatch Report (Order Status)
Ingredient Dispensing Report (Tie the ingredient to RX, Lot, Provider and Customer)
Financial Report for Invoices (Provider, Client and Corporate Levels)

10. Interface

Delivery Management Software (Stamps.com, Fedex.com)
Financial Management (Invoicing Clients and Providers)

11. User Management Roles
Administrator
Pharmacist
Technician
Provider
Agent
Corporate
Client

2.   Client, Corporate or Provider Portal: (These are subset of the Pharmacy Portal)

1. Data Entry capabilities and rx prescription submission based on the specific list of formulas.
2. Reporting the status of orders submitted

Potential II Phase is to add compounding