

# KRISHNA CHEMISTS LTD.

## PHARMACEUTICALS DISTRIBUTORS

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### WORK PLAN – Week 1

DATE	TASK
05-12-2016	<ul style="list-style-type: none"><li>➤ Framework setup</li><li>➤ Nusoap configuration</li><li>➤ Project folder structure</li><li>➤ Create database</li></ul>
06-12-2016	<ul style="list-style-type: none"><li>➤ Create main tables</li><li>➤ Create web services for login ~ The soap web service definition language : <a href="http://pharm-portal.coreict.co.ke/ws:wsdl">http://pharm-portal.coreict.co.ke/ws:wsdl</a> The login soap : <a href="http://pharm-portal.coreict.co.ke/ws:login?username=mike&amp;pass=mike">http://pharm-portal.coreict.co.ke/ws:login?username=mike&amp;pass=mike</a></li><li>➤ Create a sub domain (pharm-portal.coreict.co.ke)</li><li>➤ Ftp account, whose credentials are : ftphost - pharm-portal.coreict.co.ke ftp account - pharm-portal@coreict.co.ke ftp password - pharm-portal2016</li><li>➤ Cpanel database credentials : host : http://pharm-portal.coreict.co.ke/ database: coreictc_pharm-portal user : coreictc_pharm-p password : pharmaceuticals!</li><li>➤ Setup Admin section - MVC</li></ul>
07-12-2016	<ul style="list-style-type: none"><li>➤ Database table structure – consists of 15 optimized tables</li><li>➤ Creation of backend menu tree</li><li>➤ Creation of crude form entries for the program</li><li>➤ Started on Module Person &gt; Patient : Creating new entries</li></ul>
08-12-2016	<ul style="list-style-type: none"><li>➤ Crude forms creation (add/edit/delete)– Persons database link</li><li>➤ Creation of model / controller code for database manipulation</li><li>➤ Image upload for patient using the mvc structure</li><li>➤ Page creation for pharmacies entry module</li></ul>
09-12-2016	<ul style="list-style-type: none"><li>➤ Creation of backend pages : pharmacy , clinics , drug</li><li>➤ Pharmacy page has the functions to enter the pharmacy stores , clinics as well</li><li>➤ Drugs/Medicine allows upload of the drug list and prices into the system(On progress)</li><li>➤ Report progress to Mike</li></ul>

WORK PLAN – Week 2


DATE	TASK
12-12-2016	<ul style="list-style-type: none"> <li>➤ Uploading Pricelist excel of pharmacy drugs</li> <li>➤ Link each pharmacy to the pricelist imported</li> <li>➤ Enable manual addition/edit or delete of imported drugs</li> <li>➤</li> </ul>
13-12-2016	<ul style="list-style-type: none"> <li>➤ Create End User front end template</li> <li>➤ Create signup function based on the wsdl (<a href="http://pharm-portal.coreict.co.ke/ws/login?username=mike&amp;pass=mike">http://pharm-portal.coreict.co.ke/ws/login?username=mike&amp;pass=mike</a>)</li> </ul>
14-12-2016	<ul style="list-style-type: none"> <li>➤ End user drug description search</li> <li>➤ Self service interface for end user</li> <li>➤ Ordering interface – enable order for searched drugs</li> <li>➤ Linked the order interface to the back end</li> </ul>
15-12-2016	<ul style="list-style-type: none"> <li>➤ Order Controller script</li> <li>➤ Description details capture</li> <li>➤ Drug quick search lookup on User refill medication panel</li> <li>➤ System backend image upload plug-in</li> </ul>
16-12-2016	<ul style="list-style-type: none"> <li>➤ System backend image upload plug-in – Link images to client back end</li> <li>➤ Create services : <ul style="list-style-type: none"> <li>❖ Drug search – search for available drugs</li> <li>❖ Pharmacy search – search for pharmacies subscribed to the system</li> <li>❖ Patient orders – gets the patients transactions with parameter user id</li> <li>❖ Patient prescription – fetch medicine subscribed to the patient</li> </ul> </li> </ul>

DATE	TASK
19-12-2016	<ul style="list-style-type: none"> <li>➤ Added category tab- this allows drugs to be categorized</li> <li>➤ Addition of below services :</li> </ul> <p>definition file : <a href="http://pharm-portal.coreict.co.ke/ws:wsdl">http://pharm-portal.coreict.co.ke/ws:wsdl</a></p> <ul style="list-style-type: none"> <li>❖ <a href="http://pharm-portal.coreict.co.ke/ws:categories">http://pharm-portal.coreict.co.ke/ws:categories</a> - Fetching the categories</li> <li>❖ <a href="http://pharm-portal.coreict.co.ke/ws:productsearch?storeid=1&amp;name=panadol">http://pharm-portal.coreict.co.ke/ws:productsearch?storeid=1&amp;name=panadol</a> - search a product with the storeid and name of the product</li> <li>❖ <a href="http://pharm-portal.coreict.co.ke/ws:pharmacies">http://pharm-portal.coreict.co.ke/ws:pharmacies</a> - get list of the pharmacies in the system</li> <li>❖ <a href="http://pharm-portal.coreict.co.ke/ws:products?id=1">http://pharm-portal.coreict.co.ke/ws:products?id=1</a> - get list of products from store/pharmacy id 1</li> </ul>
20-12-2016	<ul style="list-style-type: none"> <li>➤ Upload drug image</li> <li>➤ Link image or multiple images to a drug</li> <li>➤ Display of the saved images</li> <li>➤ Pharmacy/Store Admin register/login template design</li> </ul>
21-12-2016	<ul style="list-style-type: none"> <li>➤ UI- Categorize drugs imported -</li> <li>➤</li> <li>➤ Drugs imported by the admin (from excel) are listed on the left and can be dragged to the right to choose under which category they fall into</li> <li>➤</li> <li>➤ Category list imported has 482 default categories (allows addition / removal of categories)</li> <li>➤</li> <li>➤ Table drugtocategory links the drug to a certain category to easily search</li> <li>➤ NB: system allows linking a drug with multiple images</li> </ul>
22-12-2016	<ul style="list-style-type: none"> <li>➤ Admin Sign Up UI</li> </ul> <p>Linked the admin UI to the database , backend admin is person type 1 in users database</p> <ul style="list-style-type: none"> <li>➤ Smtip configuration</li> <li>➤ End User Ordering UI</li> <li>➤ Allow addition of items</li> <li>➤ Linked button Order to the mailing : this is supposed to allow sending an email to the client showing the order request of the drugs</li> <li>➤ and send a copy to the admin who will approve</li> </ul>
23-12-2016	<ul style="list-style-type: none"> <li>➤ Link drug image to the user front panel</li> <li>➤ Added a category filter - the admin back end can now select a list of pharmacy/sore</li> <li>➤ view the drugs available</li> <li>➤ allows dynamic search</li> <li>➤ Added a category drop down with integrated simple search on the drug categories that allows display of drugs in a certain category</li> <li>➤ Added dosage information this is linked to a drug on one to one relation</li> </ul>

WORK PLAN – Week 4

DATE	TASK
<b>1<sup>st</sup> Holiday</b>	
<b>03-01-2017</b>	<ul style="list-style-type: none"> <li>➤ End user process creation</li> </ul> <p>Send email confirmation to page Activation page UI</p>
<b>04-01-2017</b>	<ul style="list-style-type: none"> <li>➤ User Order</li> </ul> <p>Create the email template for order Once user adds the items , they are flagged as pending Order button below the transaction grid , Executes an order</p> <p>Order is sent on individual store as an email The complete Order is sent to user as an email</p>
<b>05-01-2017</b>	<ul style="list-style-type: none"> <li>➤ Back end</li> </ul> <p>Create the Orders view UI Dashboard - view the system orders created The orders created by the logged in user at the front web portal are viewable at the backend by the admin at this section.</p>
<b>06-01-2017</b>	<ul style="list-style-type: none"> <li>➤ Order Confirmation</li> </ul> <p>Created the backend admin order confirmation ~ this acknowledges to the user the order has been received. Work by the admin selecting the order and selecting the products in the order that he wishes to confirm. On clicking send an email to the user the order has been confirmed. Items are flagged</p>

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09-01-2017	<ul style="list-style-type: none"> <li>➤ Invoice page This page will allow you view the invoices sent to the user. The button resend will resend the invoice to the user email address</li> </ul>
10-01-2017	<ul style="list-style-type: none"> <li>➤ Dashboard Sales Graph Configuration. First Graph will show the individual sales that have been made per the pharmacy/store. A sale is made once the invoice has been paid. Second graph will show the total sales.</li> <li>➤ Invoice email template Creating the invoice template that is sent to the patient. This has the buttons for payments which patient can click and make payment.</li> </ul>
11-01-2017	<ul style="list-style-type: none"> <li>➤ Email configuration The dashboard has a quick email composer form, The smtp settings are fetched from the database which can be changed accordingly.</li> <li>➤ Pharmacy/Clinic Images Configuration of adding an image of the pharmacy/clinic has been enabled at the admin section</li> </ul>
12-01-2017	<ul style="list-style-type: none"> <li>➤ Prescription page On the backend there is the prescription page, this allows to view what the patients have prescribed. Also displays additional details of the patient</li> <li>➤ Google location class The class allows navigation to a location if a record is selected containing latitude/longitude</li> </ul>
13-01-2017	<ul style="list-style-type: none"> <li>➤ Home page client section Allowed drug images in the medication search on the client's home.</li> <li>➤ Home page client section A clinic can be searched and the Google map displays the location of the clinic as configured in the backend.</li> </ul>

DATE	TASK
16-01-2017	<p>➤ Back-End Immunization Page Created the immunization page at the admin section, this shows the immunization details of the patient.</p> <p>➤ Back-End Insurance Page Insurance details shows the member no, company that a patient has insured with</p>
17-01-2017	<p>➤ Additional Services to get a medication using the drugname key word : <a href="http://pharm-portal.coreict.co.ke/ws:product?name=malaria">http://pharm-portal.coreict.co.ke/ws:product?name=malaria</a></p> <p>to get a list of all the product : <a href="http://pharm-portal.coreict.co.ke/ws:allproducts">http://pharm-portal.coreict.co.ke/ws:allproducts</a></p> <p>to get medication based on category: <a href="http://pharm-portal.coreict.co.ke/ws:drug-category?name=antimalarialagents">http://pharm-portal.coreict.co.ke/ws:drug-category?name=antimalarialagents</a></p>
18-01-2017	<p>➤ Shopping Cart Integration on User Panel</p>  <p>Creation of a template that can be combined with a dynamic search to allow a patient to add more drugs , qty to a shopping cart upon clicking Order on the cart the items are queued for order.</p>
19-01-2017	<p>➤ Order Processing Using the Shopping Cart Items The medication added can be changed the qty, clicking on the order button, processes the order and sends an email to the user logged in. Another email is sent to the pharmacy highlighting the order made. The backend requires the admin to click the order confirmation button which sends a confirmation email to the user/patient.</p>
20-01-2017	<p>➤ Order Services creation Created some more additional services : fetching orders for a certain patient : <a href="http://pharm-portal.coreict.co.ke/ws:patient-orders?id=1">http://pharm-portal.coreict.co.ke/ws:patient-orders?id=1</a> fetching orders that have not yet been confirmed by the admin : <a href="http://pharm-portal.coreict.co.ke/ws:patient-unconfirmedorders?id=1">http://pharm-portal.coreict.co.ke/ws:patient-unconfirmedorders?id=1</a> to fetch invoices for the patient : <a href="http://pharm-portal.coreict.co.ke/ws:patient-invoices?id=1">http://pharm-portal.coreict.co.ke/ws:patient-invoices?id=1</a> where id is the patients id to create an order : <a href="http://pharm-portal.coreict.co.ke/ws:patient-createorder?drugid=7381&amp;patientid=1">http://pharm-portal.coreict.co.ke/ws:patient-createorder?drugid=7381&amp;patientid=1</a></p>

DATE	TASK
23-01-2017	<ul style="list-style-type: none"> <li>➤ Array to JSON conversion</li> </ul> <p>This helps in the mobile application for the REST services to consume the JSON response</p>
24-01-2017	<ul style="list-style-type: none"> <li>➤ End user patients prescription</li> </ul> <p>Display what the patient has prescribed to</p> <p>All products service – this list all products in json format</p> <ul style="list-style-type: none"> <li>➤ New Products URL – this allows limiting the all products fetch from a certain limit</li> </ul> <p><a href="http://pharm-portal.coreict.co.ke/ws:allproducts?from=0&amp;to=100">http://pharm-portal.coreict.co.ke/ws:allproducts?from=0&amp;to=100</a></p>
25-01-2017	<ul style="list-style-type: none"> <li>➤ Patients Bills</li> </ul> <p>This page displays what a patient owes the pharmacy; it is viewable at the backend.</p> <ul style="list-style-type: none"> <li>➤ Patient Payments</li> </ul> <p>This displays the amount and log of a patient payments.</p>
26-01-2017	<ul style="list-style-type: none"> <li>➤ Backend Staff Pages</li> </ul> <p>Creates records of staff in the pharmacy or store.</p> <p>Backend Suppliers Page</p> <ul style="list-style-type: none"> <li>➤ List the drug suppliers.</li> </ul>
27-01-2017	<ul style="list-style-type: none"> <li>➤ Coupon Interface</li> </ul> <p>This is the field allowing coupons; coupons are generated at the Discount Page at the Admin Backend.</p> <p>Added a backend interface to generate product coupons, so when creating an order also send the coupon code i.e :</p> <p><a [{\"drugid\":\"7660\",\"qty\":\"3\"},="" href="http://pharm-portal.coreict.co.ke/ws:patient-createorder?parameters={\" patientid\":\"52\",\"products\":="" {\"coupon\":\"pharm-cul0tn\"}]}"="" {\"drugid\":\"7663\",\"qty\":\"1\"},="">pharm-portal.coreict.co.ke/ws:patient-createorder?parameters={ \"patientID\":\"52\", \"Products\": [{ \"drugID\":\"7660\", \"qty\":\"3\", \"coupon\":\"PHARM-G179UI\" }, { \"drugID\":\"7663\", \"qty\":\"1\", \"coupon\":\"PHARM-CUL0TN\" } ] }</a></p> <ul style="list-style-type: none"> <li>➤ A service to view the coupons :</li> </ul> <p><a href="http://pharm-portal.coreict.co.ke/ws:product-coupon?drugid=7382">http://pharm-portal.coreict.co.ke/ws:product-coupon?drugid=7382</a></p>

DATE	TASK
30-01-2017	<p>➤ Order Service Creation</p> <p><a href="http://pharm-portal.coreict.co.ke/index.php/ws:patient-createorder?parameters={\" patientid\":\"52\",\"coupon\":\"pharm-cul0tn\",\"products\":[{\"drugid\":\"7660\",\"qty\":\"3\"},{\"drugid\":\"7663\",\"qty\":\"1\"}]}"="">http://pharm-portal.coreict.co.ke/index.php/ws:patient-createorder?parameters={\"patientID\":\"52\",\"coupon\":\"PHARM-CUL0TN\",\"Products\":[{\"drugID\":\"7660\",\"qty\":\"3\"},{\"drugID\":\"7663\",\"qty\":\"1\"}]}</a></p>
31-01-2017	<p>➤ Creation of the Coupon Service</p> <p><a href="http://pharm-portal.coreict.co.ke/index.php/ws:patient-createorder?parameters={\" patientid\":\"52\",\"coupon\":\"pharm-cul0tn\",\"products\":[{\"drugid\":\"7660\",\"qty\":\"3\"},{\"drugid\":\"7663\",\"qty\":\"1\"}]}"="">http://pharm-portal.coreict.co.ke/index.php/ws:patient-createorder?parameters={\"patientID\":\"52\",\"coupon\":\"PHARM-CUL0TN\",\"Products\":[{\"drugID\":\"7660\",\"qty\":\"3\"},{\"drugID\":\"7663\",\"qty\":\"1\"}]}</a></p> <p>➤ Category Service Edit</p> <p>This rearranges the categories in alphabetical order.</p>
01-02-2017	<p>➤ Prescription uploads :</p> <p>To upload a prescription :</p> <p><a href="http://pharm-portal.coreict.co.ke/ws-presc_upload?patientid=52">http://pharm-portal.coreict.co.ke/ws-presc_upload?patientid=52</a></p> <p>where your upload field in your app resembles this form :</p> <pre>&lt;script type="text/javascript"&gt;   function submitForm(){     \$('#prescriptionform').submit();   } &lt;/script&gt; &lt;form name="prescriptionform" id="prescriptionform" method="post" action="ws-presc_upload?patientid=52" enctype="multipart/form-data"&gt; &lt;input type="file" name="uploadfiles"&gt;&lt;br/&gt; &lt;input type="button" onClick="submitForm()" name="submitprescription" value="Upload"&gt;&lt;br/&gt; &lt;/form&gt;</pre>



**02-02-2017**

➤ Additional Services for the prescription

To access the prescription uploaded for a patient :

[http://pharm-portal.coreict.co.ke/ws:fetch-presc\\_upload?patientid=52](http://pharm-portal.coreict.co.ke/ws:fetch-presc_upload?patientid=52)

➤ Medicine Review

Query for a review of a certain drug using :

<http://pharm-portal.coreict.co.ke/ws:review?drugid=7381>

Query for review of drugs with a certain rating say drugs whose rating is 5 :

<http://pharm-portal.coreict.co.ke/ws:reviewratings?id=5>

Post a rating of a certain drug :

<http://pharm-portal.coreict.co.ke/ws:postreview>

having the POST parameters

```
{  
drugid=7381  
rating=5  
comments=The drug is excelent!  
patientid=52  
}
```

**03-02-2017**

➤ Invoice template creation - PDF Generation

➤ Fetching patients Invoice Service

<http://pharm-portal.coreict.co.ke/ws:patient-invoices?id=52>

