

User Manual for MLT user

Prepare By: Anjana Thenuwara

Model: MLT User

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LABMS System Requirement			
Company Name	Durdans Laboratory Colombo – Sri lanka		
Release Version	1.0.0	Date	20-04-2018
Requirement Details			
Web Browser	<ul style="list-style-type: none"> Internet Explorer Browser Version 8 or Upper Versions. Mozilla Firefox release version 38.0 or Upper Versions. Google Chrome 30 or Upper Versions. Microsoft Edge. Safari Browser (Browser Should have to support HTML 5 Version)		
File Reader			
PDF File Viewer	PDF reader needs to read PDF extension files, user can use Adobe reader version 8 or upper version additionally user can use Foxit Reader.		
Hard Ware Requirement			
Processing Capability	<ul style="list-style-type: none"> Intel dual core 2.0 GHz or Higher Processing Speed Minimum memory capacity is 2 GB Minimum 4GB 		
RAM Memory Speed			
Hard Disk			
Operating Requirement			
Operating System	<ul style="list-style-type: none"> Windows 7 , 8,10 (x86 platform or 64 platform) Linux Platform Unix Platform 		
Printer			
	POS printers any Brand (Recommended)		
Connection Type	Internet Required (LAN , 4G or Wireless Connection)		
Barcode Reader	Any Barcode Reader		
Authorized user	Anjana Thenuwara	Signature	

Revision Sheet

System login

Login to the LBMS system (admin user) user has to load system in the web browser. Once system load in the user desktop, screen appear login page. From there user has to provide valid login credentials.

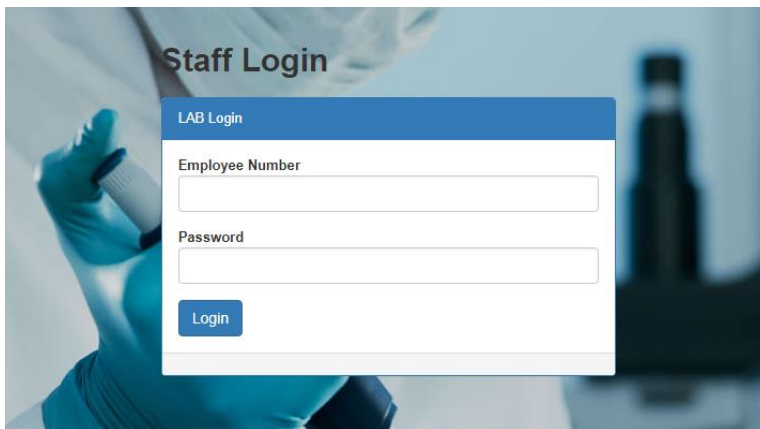







FIGURE 1 SYSTEM LOGIN INTERFACE


After successfully logged to the system user can see user home page and available function in left hand corner, below figure (1.0), shows the user available function list in the system, home page user can see pending appointment list.





LabMS
Laboratory Management System

 DOWNLOAD APP
 [MLT] KUSUMI FERNANDO
PROFILE 
LOGOUT 

 Home

 Patient Explorer

 Invoice Explorer

 BCN Invoice

OPEN Invoice

1

Open Test

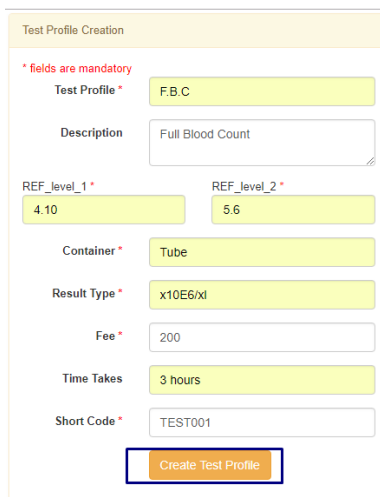
	Report Ready Date
50000000000012	2018-04-27
50000000000043	2018-04-30
50000000000050	2018-04-24

Classification ¹	Items ²	Additive	Color ³	Tube Material	Main Intended Use ⁴	Basic Tube size ⁵ (mm)
Serum Tube	No Additive Tube	/	Red	Glass	Determinations in serum for clinical biochemistry, immunology and serology	Ø 13x75 Ø 13x100 Ø 16x100
	Pro-coagulation Tube	Clot Activator	Red	Glass/Plastic		
	Gel & Clot Activator Tube	Gel & Activator	Golden	Glass/Plastic		
Plasma Tube	Glucose Tube	Potassium Oxalate/Sodium fluoride or EDTA/Sodium fluoride	Grey	Glass/Plastic	Determinations in stabilized and-coagulated whole blood or plasma for glucose and lactate testing	Ø 13x75 Ø 13x100
	PT Tube	0.109mol/L or 0.129mol/L Sodium Citrate (1:9)	Light Blue	Glass/Plastic	Determinations in citrated plasma for coagulation testing	Ø 13x75 Ø 13x100
	Heparin Tube	Lithium Heparin, Sodium Heparin	Green	Glass/Plastic	Determinations in heparinized plasma for clinical chemistry	Ø 13x75 Ø 13x100 Ø 16x100
	Gel & Heparin Tube	Gel & Lithium Heparin or Sodium Heparin	Green	Glass/Plastic	For plasma determinations in chemistry	Ø 13x100 Ø 16x100
	Gel & EDTA/K2 Tube	Gel & EDTA/K2	Lavender	Glass/Plastic	For use in molecular diagnostic test methodologies but not limited to PCR/L	Ø 13x100 Ø 16x100
Whole Blood Tube	EDTA Tube	EDTA.K2 EDTA.K3	Lavender	Glass/Plastic	Determinations in EDTA whole blood for hematology	Ø 13x75
	ESR Tube	0.109mol/L or 0.129mol/L Sodium Citrate (1:9)	Black	Glass Plastic	Blood cell sedimentation rate test	Ø 9x120 Ø 13x75 Ø 25x75

FIGURE 2 HOME PAGE

Add Test profile to the Branch

Create new test and test profiles, by clicking manage profile icon user can get access to the function. In this screen user have to submit required information which are related to the laboratory test all required fields are mandatory. After adding correct information user can click on the “create test profile icon”



Test Profile Creation

* fields are mandatory

Test Profile * F.B.C

Description Full Blood Count

REF_level_1 * 4.10 REF_level_2 * 5.6

Container * Tube

Result Type * x10E6/xl

Fee * 200

Time Takes 3 hours

Short Code * TEST001

Create Test Profile

FIGURE 3 ADD TEST PROFILE

If successfully test profile added to system, notification trigger on the system “new test profile created”

Update test fields

Test profiles contain number of single tests, to add sub tests into the test profiles admin user has to click on the *fields* icon in the same screen this function appear.by clicking on the field icon below figure appear from there user has to fill required information and click on the “*add field icon*”.

Patient Explorer

This feature used to add new invoice to register patient, by clicking **new invoice** function user can generate the new invoice for the patient.

Show entries

Search:

First Name	Last Name	NIC	Date Of Birth	Email	Phone Number	Address	Created Branch	
Kumari	Gamage	8968547541V	2018-04-01	0763582247	kumari@gmail.com	Gampaha	Head Office	2018-04-17 14:13:21 New Invoice
Preshantha	Fernando	8635125824V	2018-03-05	0715833470	preshan@gmail.com	Raddoluwa	Head Office	2018-04-17 14:12:19 New Invoice
Samantha	Perera	8965475412V	2018-04-01	0752584520	samantha@gmail.com	Seeduwa	Head Office	2018-04-17 14:16:03 New Invoice

FIGURE 4 PATIENT EXPLORER

Once user click on the new invoice icon, next screen user have to select test name and sample checking center.

* fields are mandatory

Clear Test Profile List

*Test Profile
--select test profile--

*Test Center
--select test center--

Add Invoice

Report Ready Date : Finish

Name	Price	Center	
Blood	2500.00	In House	remove
Urine	1500.00	In House	remove
Subtotal			4000

FIGURE 5 INVOICE CREATION

Above figure shows the add invoice process user can add one test or many test, in the same screen user have to select report ready date. Click on the finished icon. Next stage screen appear the summary of the user selected option and print button.

LABMS - Test Invoice



Head Office
Colombo 03
0112544780
Invoice Date 2018-04-23 21:32:00

Patient Information
Kumari Gamage
8968547541V
0763582247

Test Information

Test Profile	Amount	Status	Center	Result Value	Remark
Bolod	2500.00	PENDING	In House		

Total Amount : 2500.00

Report Ready Date 2018-04-24

[Print](#)

FIGURE 6 TEST INVOICE

Enter Lab Test Result

By accessing this feature user can add test results to the selected test profiles. Once user click on the invoice explorer below screen appear in the user home page.

BCN	Patient Name	NIC	Branch	Status	Ready Date	Result	Explorer
5000000000043	Kumari Gamage	8968547541V	Gampaha	OPEN	2018-04-30	Result	Explorer

Showing 1 to 1 of 1 entries

Previous 1 Next

FIGURE 7 INVOICE EXPLORER

In prompt the screen user have to click on the result icon, above figure researcher has highlighted the available option for user, by clicking on the result icon user can access to add result to selected invoice.

Invoice Status: OPEN

Test Information					
Test Profile	Amount	Status	Center	Result Value	Remark
Urine	1500.00	PENDING	In House	<input type="text"/>	<input type="text"/>
Bolod	2500.00	PENDING	Negombo Center	<input type="text"/>	<input type="text"/>

Total Amount : 4000.00

Report Ready Date 2018-04-30

* fields are mandatory

*Status

--select--


[Change Status](#)

FIGURE 8 ADD RESULT

After adding results to the result value field, user can add end user results is there any remark user can add in the remark field.

Finally user has to the change status to the complete status.

LABMS - Test Result



5 000000 000043

Gampaha
Gampaha Road
0335977480
Invoice Date 2018-04-21 20:12:56

Patient Information
Kumari Gamage
8968547541V
0763582247
Invoice Status: COMPLETE

Test Information					
Test Profile	Amount	Status	Center	Result Value	Remark
Urine	1500.00	COMPLETE	In House	<input type="text" value="1111"/>	<input type="text"/>
Bolod	2500.00	COMPLETE	Negombo Center	<input type="text" value="1000"/>	<input type="text"/>

Total Amount : 4000.00

Report Ready Date 2018-04-30

FIGURE 9 RESULT SCREEN

Invoice explorer

Intention of this function admin user can handle patient problem if the patient complain to the user regarding report related problem admin can check invoice all information. By clicking on the *explorer* icon user can access to that feature.

BCN	Patient Name	NIC	Branch	Status	Ready Date	Result	Explorer
50000000000012	Preshantha Fernando	8635125824V	Negombo	OPEN	2018-04-27		Explorer
50000000000029	Samantha Perera	8965475412V	Head Office	COMPLETE	2018-04-26		Explorer
50000000000036	Preshantha Fernando	8635125824V	Head Office	COMPLETE	2018-04-25		Explorer
50000000000043	Kumari Gamage	8968547541V	Gampaha	OPEN	2018-04-30		Explorer

FIGURE 10 INVOICE EXPLORER FUNCTION

Release No.	Date	Revision Description
Rev. 0	22/04/2018	User's Manual Template for LBMS MLT Users