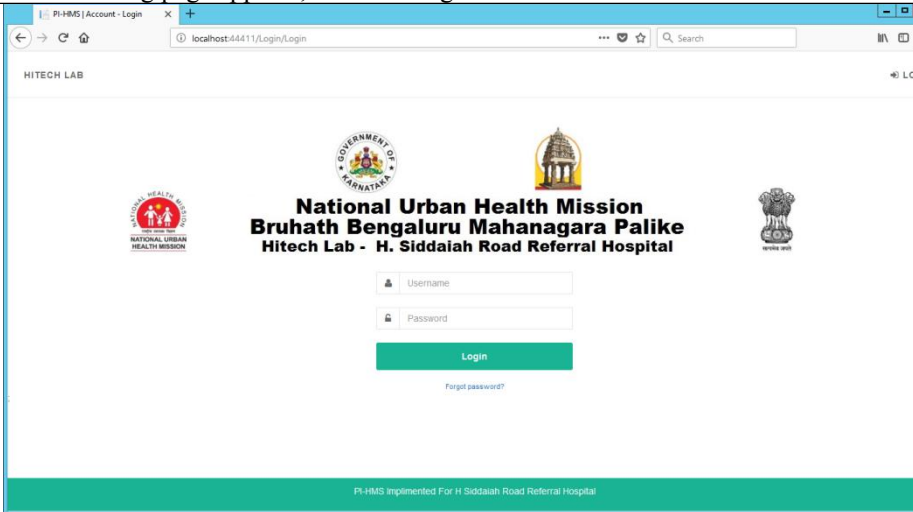


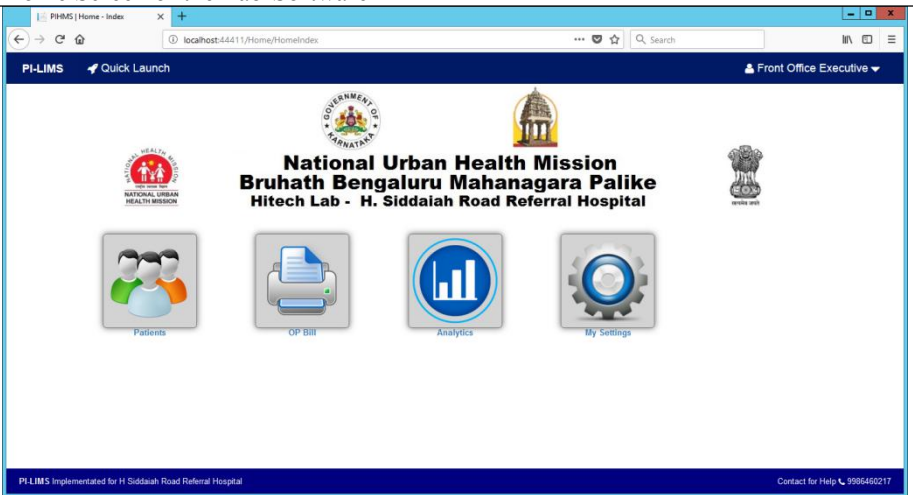
# **BBMP Lab Software User Manual**

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## 1. Login to the Lab Software

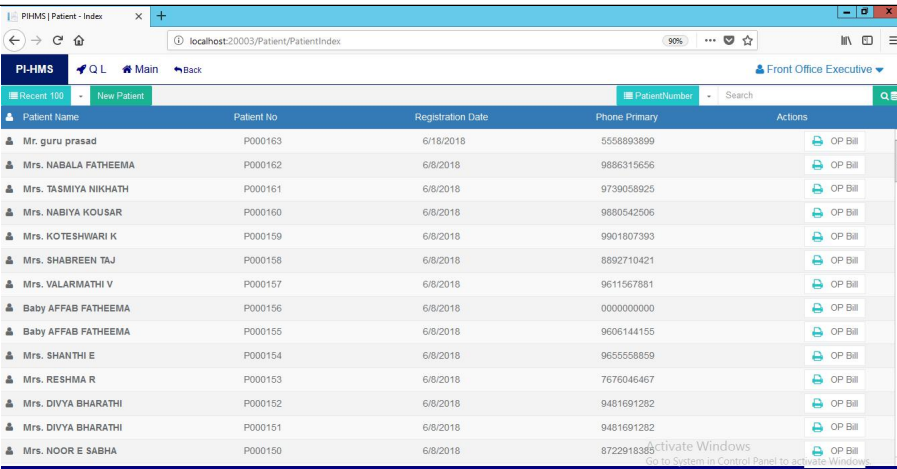
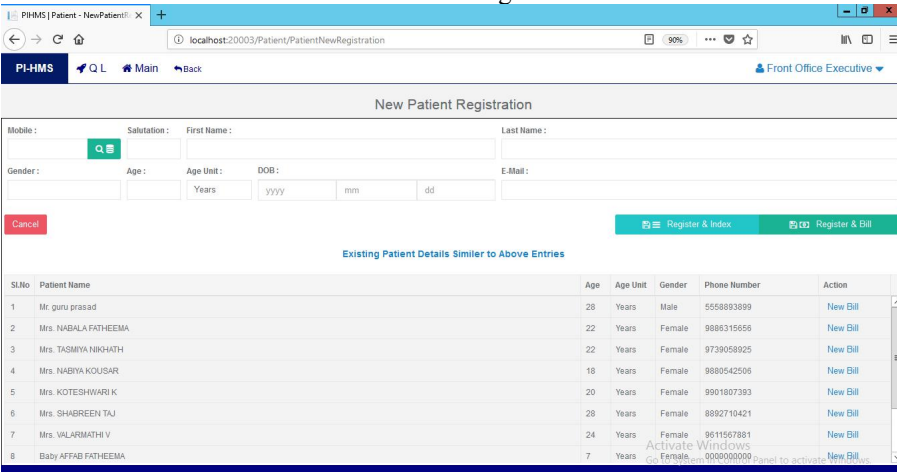
Below are the list of steps to log in to Lab-Software	
STEP - 1	Open Firefox Browser & Log go to URL <a href="http://192.168.168.101:9090/">http://192.168.168.101:9090/</a>
STEP - 2	Once Landing page appears, Click on Login Button
Login Screen	
STEP - 3	Enter Your Given User Name , Password & Click on Login Button.

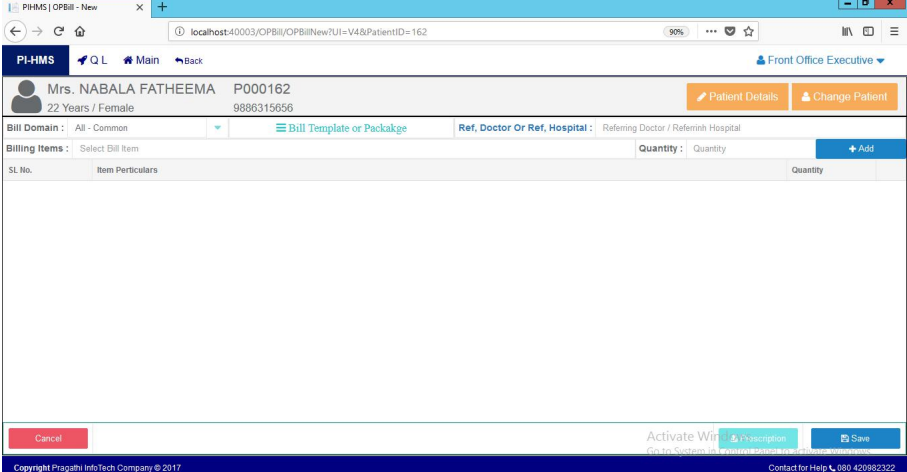
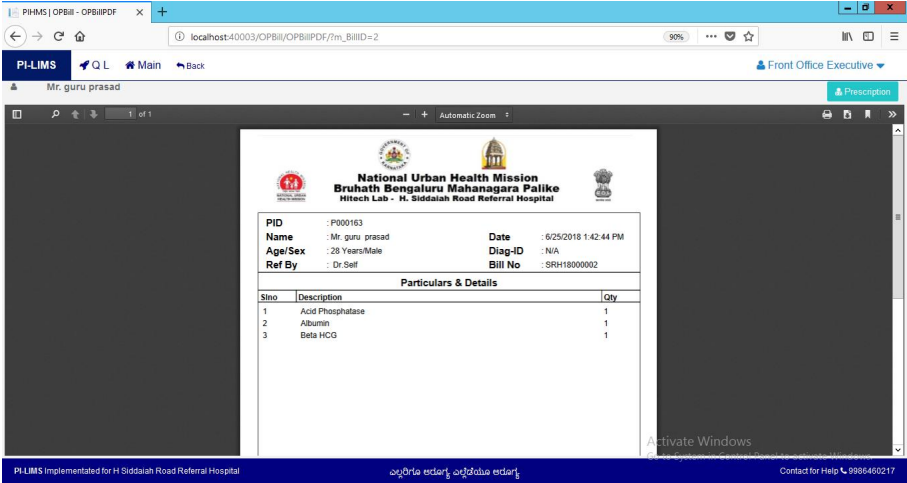
## 2. Understanding the Home Screen of Lab-Software for FOE role.

Below is the Main Home Screen of the Lab-Software	
Home Screen For FOE Front Office Executive	
<b>Features</b>	
Patient Button	Once you click it will display the registered patient list..
OP Bill Button	Once you click it will display the list of bill of registered patient.
Analytics Button	Once you click it will display the page in that where you can generate the required Analytical reports.
MySettings Button	Once you click it will display the details of user and it will allow you to change the password.

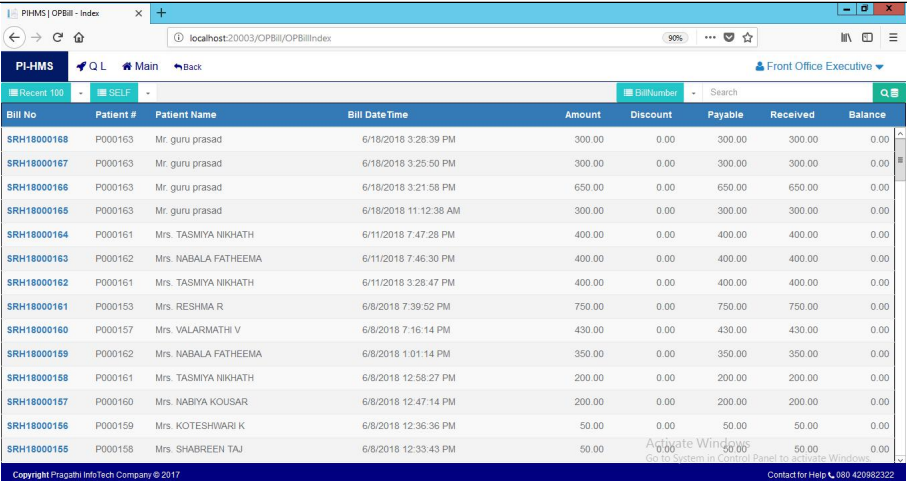
### 3. Patient Module, List, Add, Edit Patients.

Below is the Patient Screen of the Lab-Software.

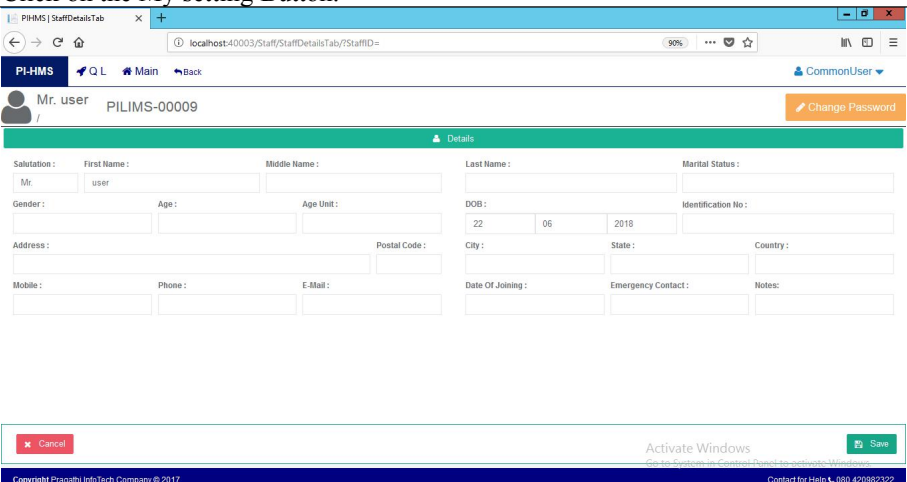
STEP - 1	Click on the Patient Button from the Home screen
Patient List Screen	
Features	
Filter Patient List	Click the drop down button on TOP-LEFT Corner, provided filter options are , <b>Recent 100, Current Day, Current Week, Current Month</b> . On Clicking these options software will list out the patients according to the selected option.
Search Patients	Click the drop down button on TOP-RIGHT Corner, provided filter options are , <b>First Name, Phone Primary, Patient Number</b> . On Clicking these options software will list out the patients according to the selected option for to search the specific patient.
New Patient Registration	<p>Once you click on this button it will display to the page where you can create the new patient.</p> <p>Below screen shows about the New Patient Registration.</p>  <ul style="list-style-type: none"> <li>➤ Automatically the patient names will be matched and if the patient is already exist by searching with the mobile number &amp; it will show the name or else it will proceed with new patient registration.</li> <li>➤ The Register &amp; Index button is used to save the new patient and to indicate in the Patient list.</li> <li>➤ The Register &amp; bill button is used for to do the bills to the newly registered patients.</li> </ul>
New Investigation Request	Click on <b>OP Bill</b> Button on the Patient List row. Once you click it will display the new billing page for that Patient

	 <p>The above OP Bill screen will provide the options for the users for to add the investigation items and to provide the referring doctor and to save the bill.</p> <ul style="list-style-type: none"> <li>➤ Patient Details Button: This button is used for to change the details of the patient.</li> <li>➤ Change patient Button: This button is used for to change the patients and to view.</li> </ul>
<p>New Investigation Request Receipt</p>	<p>Click on the Save button and automatically the bill will generate in a separate page. Below screen shows the bill for the item particulars.</p>  <p>The above bill generated screen will be indicating about the number of items, description and their quantity.</p>

## 4. OP Bill Screen of Lab-Software.

Below is the OP Bill Screen of the Lab-Software.	
STEP - 1	Click on the OP Bill Button.
OP Bill List Screen	
Features	
Filter OP Bill List	Click the drop down list to select Self/All Option : By selecting the <b>self</b> user can view only the bills done by his/her login. And <b>All</b> can view the bills done by the all users.
Searching OP Bill List	Click on the drop down list at the right corner in the OP Bill Screen and it has the several searching options like <b>Bill Number and Patient Name</b> for to search the Op Bills and even the search option is provided to the database for to search the particular OP Bills.

## 5. My settings Screen of Lab-Software.

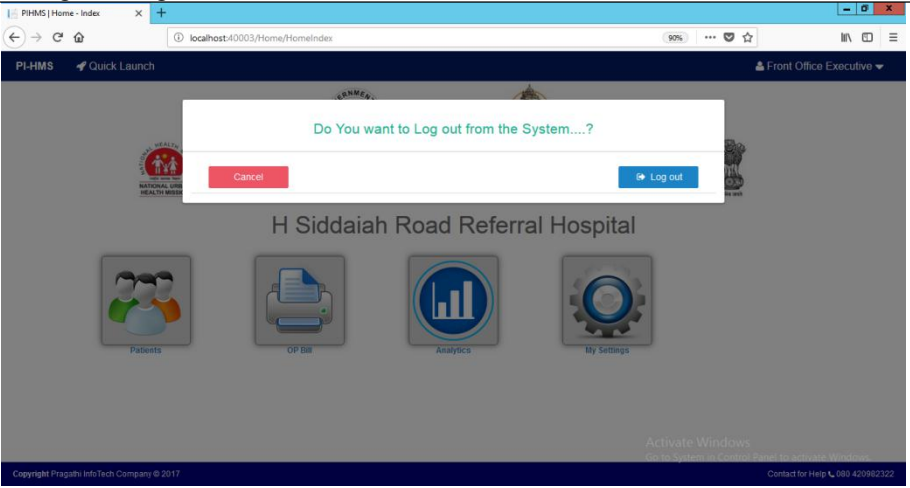
Below is the My setting Screen of the Lab-Software.	
STEP - 1	Click on the My setting Button.
My setting Screen	
Features	
Change Password Button	Once you click it will allow the user for to change the password.
User information	Once you click on the My selling the user details can be changed and that can be saved.

## 6. Log Out of Lab-Software.

Below is the Log out Screen of the Lab-Software.

**STEP - 1** Click on the Front Office Executive Button and it will show two options say My settings and log out.

**Log Out Screen**

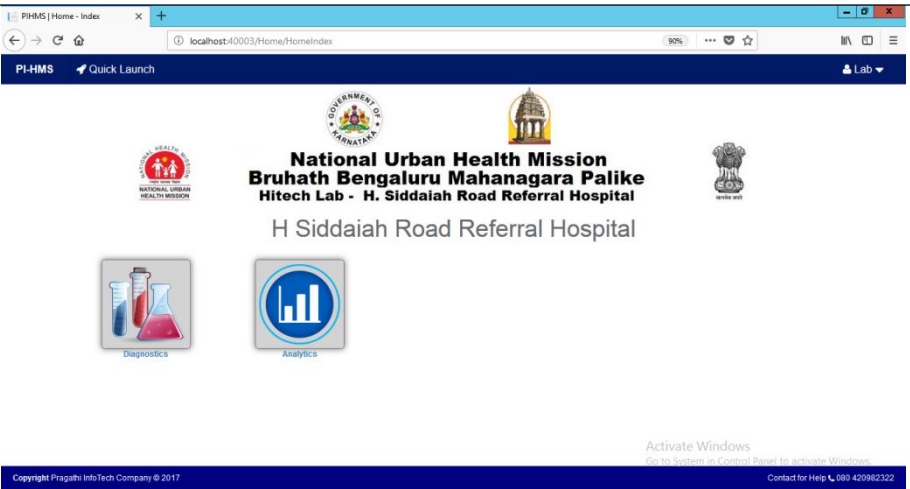


Confirmation message to Log Out. Once you click Log out it will come out of that FOE user.

## 7. Home Screen of Lab-Software for Lab Tech role.

Below is the Main Home Screen of the Lab-Software

**Home Screen For LAB Laboratory Technician**



**Features**

<b>Diagnostics</b>	Once you click it will display the Diagnostic test list related to Patients.
<b>Analytics Button</b>	Once you click it will display the page in that where you can generate the required Analytical reports.

## 8. Diagnostics Module of Lab-Software.

Below is the Diagnostic Test list for the Patients Screen of the Lab-Software.

STEP - 1

Click on the Diagnostic Button

Diagnostic Test list for Patient Screen.

Lab No	Bill No	Patient No	Patient Information	Status	Start DateTime	Actions
DP18000034	SRH18000036	P000024	Mrs. vani k 35 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000035	SRH18000037	P000024	Mrs. vani k 35 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000036	SRH18000038	P000012	Mrs. Susheelamma H Y 47 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000037	SRH18000039	P000026	Baby b/o pallavi p 0 Years / Male	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000038	SRH18000040	P000026	Baby b/o pallavi p 0 Years / Male	NEW		[Check] [Print] [Edit] [Delete]
DP18000039	SRH18000041	P000027	Mrs. salma bagum 28 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000040	SRH18000042	P000028	Mrs. Sumaiya S 21 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000041	SRH18000043	P000029	Mrs. sumitra M 25 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000042	SRH18000044	P000030	Mrs. jayanthi r 27 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000043	SRH18000045	P000031	Mrs. nivetha n 19 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000044	SRH18000046	P000032	Mrs. amreen taz Taz 24 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]
DP18000045	SRH18000047	P000033	Mrs. anitha A 24 Years / Female	SAMPLE RECEIVED		[Check] [Print] [Edit] [Delete]

- Click the **Right Mark** Icon in the Action button list to receive the sample which makes user to enter the test results.
- Click on the **Lab Number** of the particular row to enter into **Result Entry** page to enter the test results.
- If the **sample** is not received then that particular row will be indicating in **red color**.

Features

Filter Diagnostic List

Click the drop down button on TOP-LEFT Corner, provided filter options are **Current Day, Current Week, Current Month**. On Clicking these options software will list out the **Diagnostic List** according to the selected option. Click the **Calender Icon** and select the date to filter the diagnostic list based on selected date.

Searching the diagnostic Test list.

The Diagnostic Test list has the search options like **Patient Name and Lab Number**.

Below Screen shows about to enter the result of the test.

Name	Report Value	Value Run 1	Value Run 2	Value Run 3	Actions
<b>CBC (Complete Blood Count),ESR</b>					
Hb (Hemoglobin)	9.7	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
Red Blood Cells Count (RBC)	4.2	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
PCV(Packed Cell Volume)	38.2	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
Platelet count	204000	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
TC (Total WBC Count)	8400	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
<b>DC (Differential Count)</b>					
Neutrophil	76.2	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
Lymphocytes	18.8	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]
Monocytes	4.2	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]	[Check] [Print] [Edit] [Delete]

The above result entry screen will provide the options to enter the results for particular tests.

- In Value Based Reporting : You can enter the results manually in report value field or you can assign results from **Run1, Run2, Run3**.

Below screen indicated about the Document Based Reporting.

➤ In Document Based Reporting : you can select the Reporting test, Reporting Doctor name, and Template, and select the desired template.

Step- 2

Click on the **Report Button** it will generate a report the particular patient in a separate page.

Below Screen indicates about the report page.

Test	Results	Status	Normal Values
<b>CBC (Complete Blood Count)</b>			
Hb (Hemoglobin)	: 1 g/dL	L	13 - 18 g/dL
TC (Total WBC Count)	: 1 Cells/cumm	L	4000 - 11000 Cells/cumm
<b>DC (Differential Count)</b>			
Neutrophil	: 1 %	L	40 - 75 %
Lymphocytes	: 1 %	L	20 - 45 %
Monocytes	: 1 %	L	2 - 8 %
Eosinophil	: 1 %	L	1 - 6 %
Basophil	: 1 %	L	0.0 - 1.0 %
Platelet count	: 1 lakhs/cumm	L	1.5 - 4.5 lakhs/cumm



## 9. Home Screen of Lab-Software for Common user role.

Home Screen  
For  
Common User  
FAL (FOE &  
LAB TECH)

Below is the Main Home Screen of the Lab-Software

