

MediViewRx

MediViewRx is built in multi tenant and multi location architecture and for the SaaS model. But can also be deployed individually.

Wherever the term “clinic” is used, it applies to Hospitals and clinics.

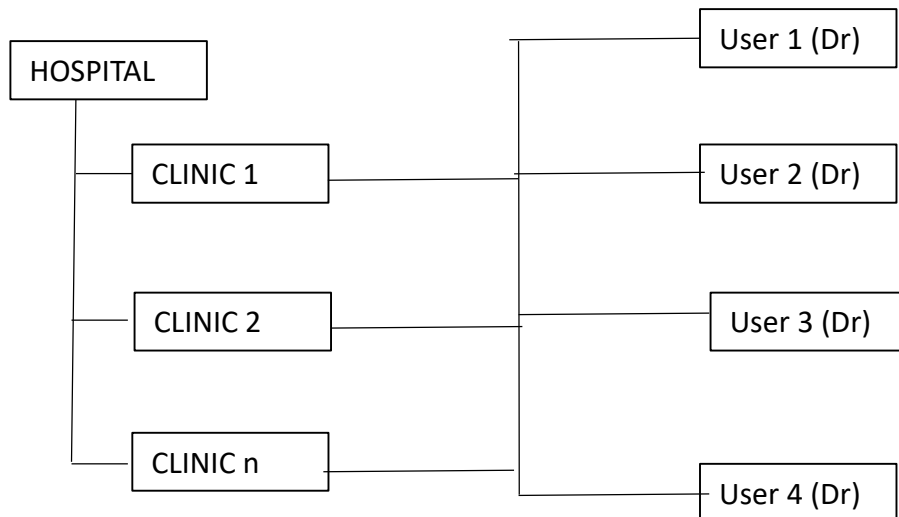
The license is bought in the name of a hospital that can be a single clinic /multiple clinic. This hospital as far as the application is concerned is a virtual or umbrella hospital or may be a registered office for the hospital. Single or multiple clinics are created from this hospital.

When it is a single clinic, the name and address of the virtual hospital becomes the name and address of the single clinic automatically and the user has the option to edit the contact details only. Hospital Name can not be changed. The logo will be the logo selected for the hospital and no logo will be allowed to select for the clinics separately. The address will be the address of the clinic which the user can modify it at any time.

The user / Doctor can log in from any one of the clinic where he visits. While choosing the option of Teleconsult, the clinic name will be Hospital Name – Teleconsult. The user selects the clinic name for the patient for the direct visit during the patient registration. If the patient books through his mobile, the patient would select the clinic name while seeking the appointment.

The Patient ID is same across all the clinics in the hospital chain. The patient shall have the single ID across all chain of hospitals. The prefix of the Patient ID can not be changed after registering the first patient.

In addition to this we internally generate a **cloud ID** and is mapped with his mobile number if available. This helps the patient to have his health record from different hospital groups where the patient ID is different.



If the license is for single clinic and single user the following details can be captured in the following order

[] Doctor Name – Mandatory (for single user, the primary user will be default the doctor name.

[] Medical Council Name from the dropdown - mandatory

[] Doctor Registration Number - Mandatory

[] Graduation Degree - Mandatory

[] Post Graduation Degree / Diploma

[] Super Specialty Degree

[] Others (Specify)

[] Overall experience

[] Specialty Experience

[] Hospital / Clinic Name – Mandatory to display in the prescription

[] Address with three fields – Mandatory (to display in the prescription)

[] Area - Mandatory

[] City - Mandatory

[] Country - Mandatory

[] Mobile Number - Mandatory (Use country code and the number of digits as followed in patient registration)

[] Alternative number (s) (Text editor with 20 characters, accept special characters like "," and ";" to differentiate between two alternative numbers)

[] Doctor Email -mandatory

[] Specialty (Choose from Specialty master)

[] Department (Choose from Dept Master)

[] Signature (browse file) to be encrypted in db to reflect above the doctor's name in patient summary.

[] Doctor Photo (encrypt in db)


[] Resume - Text editor Max 250 characters.

[] Bank account Number and IFSC Code

[] Time slots for online consultation with days

[] Time slots for direct consultation with days and hospital.

[] Comments (text box)

 Not required during Get License registration

INFORMATION TAKEN WHILE GETTING THE LICENES

Hospital Name *

Primary User Name *

Select Profession *

-Select-

Mobile No *

Email *

No of Clinics/Hospitals *

No of Users (Including Primary User) *

How you come to know about it *

-Select-

Submit

GET LICENSE – MULTIPLE DOCTORS

RECOMMENDED FIELDS 2

HOSPITAL NAME

PRIMARY USER NAME

PROFESSION

MOBILE NO

EMAIL

NO OF CLINICS

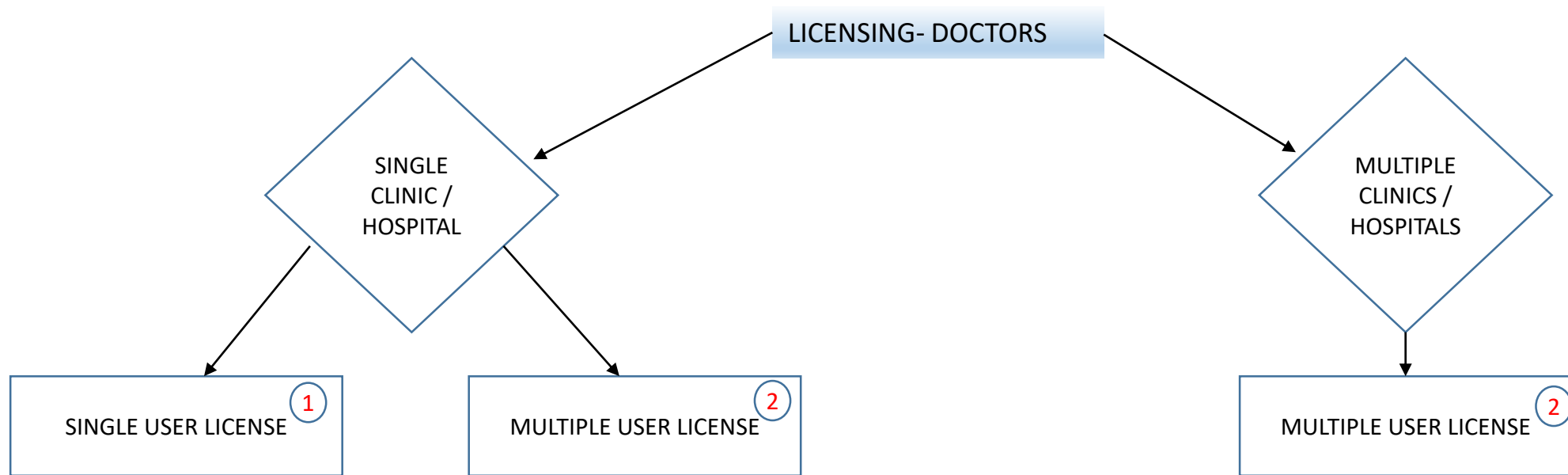
NO OF USERS

ADDRESS1, ADDRESS2, ADDRESS3

CITY > PIN> STATE > COUNTRY

HOW YOU KNOW ABOUT IT

If the user opts for multiple users (more than 1), the page will be redirected to the Single User form.



- Only one user who will have all the administrator control by default.
- The user ID for application log in will be the mail id he provided while applying for the license.
- Temporary password will be provided by Allied to his mail id and he would change the password after the first log in.

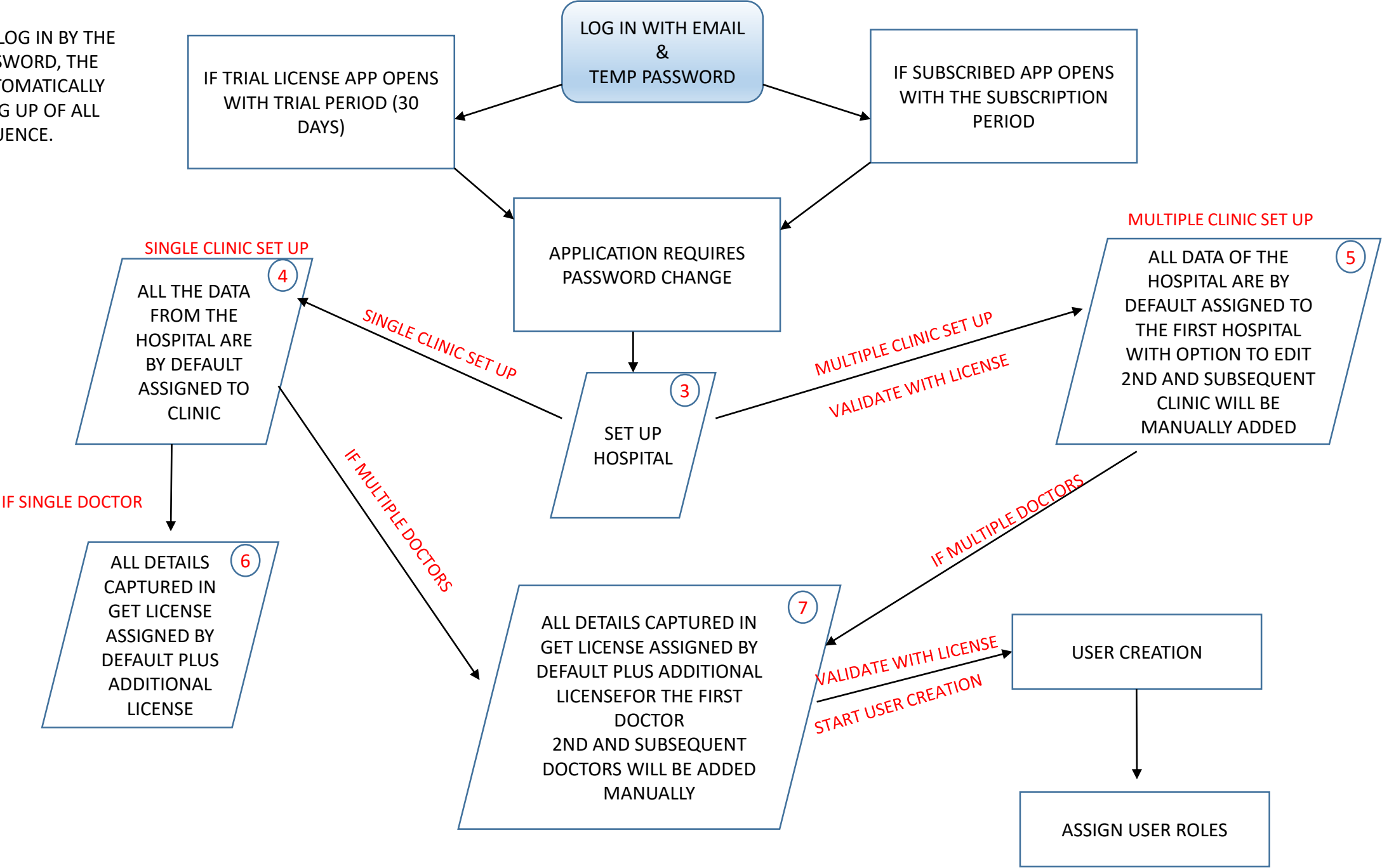
- The user who applied for the license shall be the primary user and he would be assigned all the administrative rights by default. He will create users and assign user rights to others.
- Users will be created by using the user(s) email id and the temporary password will be sent to his / their email id(s).

- The user who applied for the license shall be the primary user and he would be assigned all the administrative rights by default. He will create users and assign user rights to others.
- Users will be created by using the user(s) email id and the temporary password will be sent to his / their email id(s).

To discuss licensing of multiple user accounts for a single user to be used in different clinics / Hospitals

AFTER THE FIRST LOG IN BY THE TEMPORARY PASSWORD, THE APPLICATION AUTOMATICALLY PROMPTS SETTING UP OF ALL MASTERS IN SEQUENCE.

The first user is always the administrator and he is assigned all rights. He can assign roles to all.



HOSPITAL SET UP³

Data transferred from GET License

Mobile No – this can be edited

Country

Patient ID – First three letters of the hospital will be set as prefix by default. This can be changed before the first registration of the patient. This will be governed by user rights and would be logged in audit trail.

Additional data that are mandatory

City, PIN

Other fields that are not mandatory

Two logo of the hospital can be uploaded. These logo will appear in all the report in the left and right side respectively.

Any change would be logged in the audit trail

Jeenah Hospital

Mobile No *

9444082004

Landline No

044-43802004

Landline No1

Landline No1

Address

27/2

Address1

Venkatraman Street

Address2

T.Nagar

City *

CHENNAI

Country *

INDIA

Pin *

600017

Patientid Prefix *

Jeenah1-



Other Logo

Browse...

CLINIC SET UP

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5

- Data from Hospital Set up flows automatically to the Clinic if it is a single clinic
- If it is a multiple clinic, the first clinic would have the data of the hospital by default
- The second and subsequent clinic will be set up manually
- The identifier is only to identify different clinics for example in the patient registration that have similar names. The identifier would not reflect in any other places of the application including reports.
- The logo of clinics shall be the logo uploaded in the hospital set up.
- <Clinic Name> - Teleconsult will be automatically created whether single or multiple clinics. The same will be used when doing teleconsultation
- By selecting the clinic in the list shall allow modification of details and is governed by the user rights.
- Audit trail would reflect any changes mapped to the user name.

Hospital Name : Jeenah Hospital

Identifier

Clinic Identifier

Clinic Name *

Clinic Name

Mobile No *

Mobile No

Landline No

Landline No

Landline No1

Landline No1

Address

Clinic Address

Address1

Clinic Address1

Address2

Clinic Address2

City *

City

Country *

INDIA

Pin *

Pin/Zip

Save

Cancel

Search



SNO	Clinic Name	Hospital Name	Clinic Address	City	Country	Mobile
1	03-Jeenah Hospital	Jeenah Hospital	Paris corner	CHENNAI	INDIA	983883883
2	01-JeeNah Hospital	Jeenah Hospital	45, Rajagopalan St	CHENNAI	INDIA	934987399

Doctor set up

Single Doctor ⁶

Data while registration will automatically flow

Additional data can be entered

Give message while use it to complete the other details to give visibility to the doctor

Provision for Doctor consulting fees and gate way charges

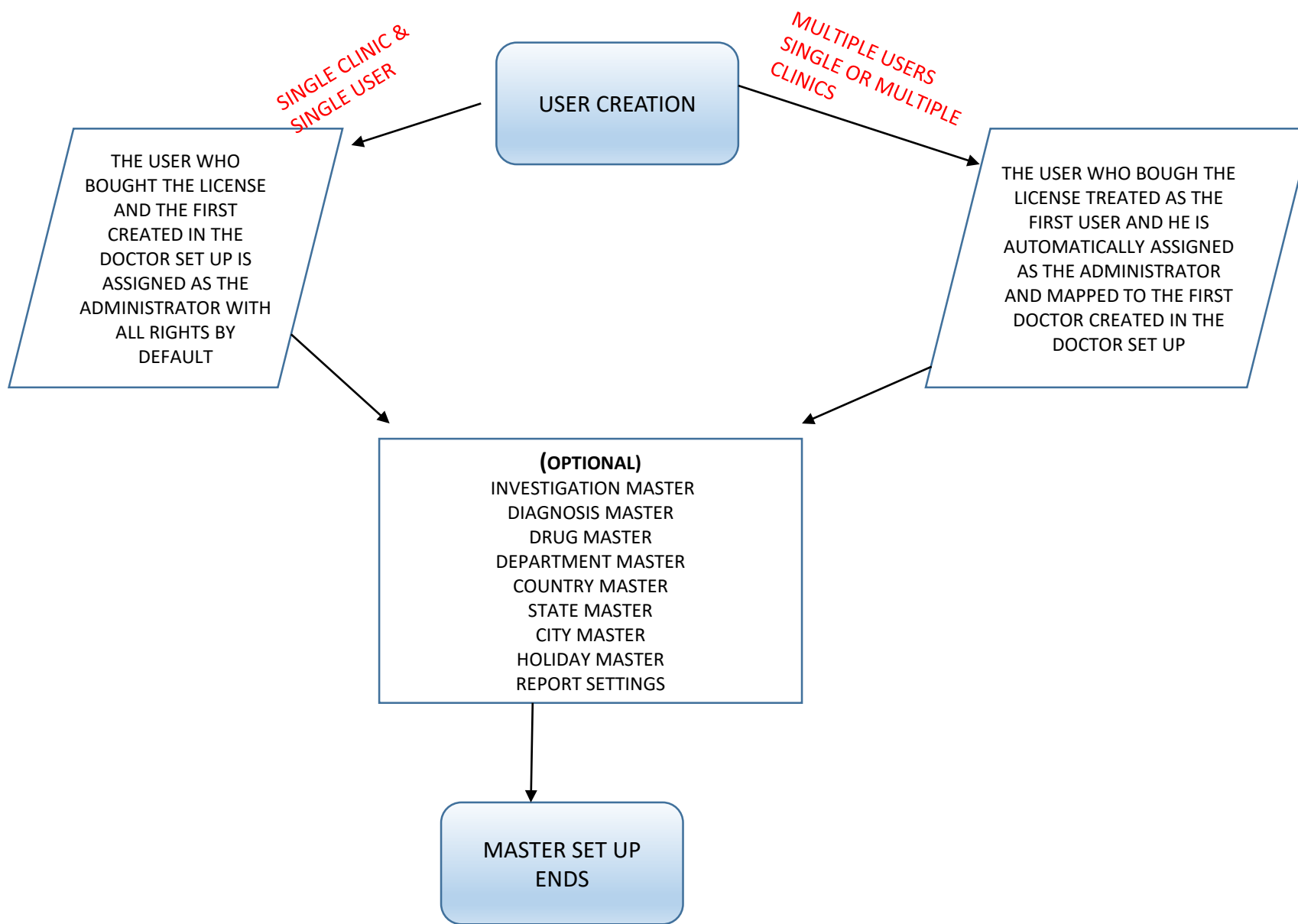
Multiple Doctor ⁷

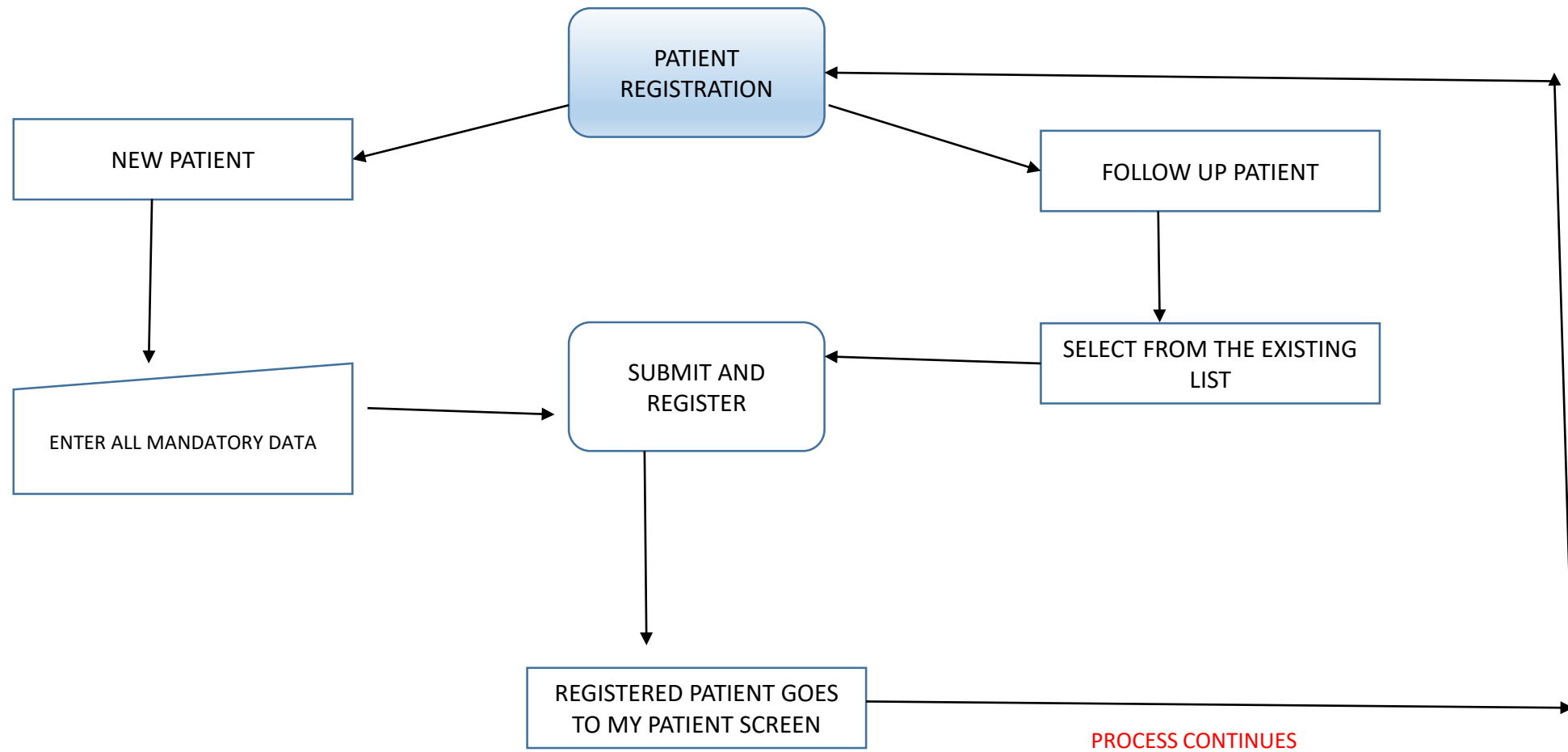
Data while registration will automatically flow for the first doctor and can be changed subsequently

Additional data can be entered

Give message while use it to complete the other details to give visibility to the doctor

Other details for the rest of the users and doctors will be manually entered





Mandatory Fields are marked with *



DOB is not mandatory but Age is mandatory

When DOB is entered Age will be calculated automatically. Validation for future date, age more than 100 years and invalid formats should be done. If age is more than 100, prompt to confirm.

Clinic Name:

Option to choose the clinic name if multiple clinics are available. Pin option is available to fix the clinic name static so that when the **same** user logs in next time for the registration, the clinic name is fixed to the same clinic.

If the patient registers for teleconsultation, the <Clinic Name> followed by Teleconsult will be automatically selected.

If there are multiple clinics, address of the first clinic's name will be taken for teleconsultation.

City Name shall be selected from the city master. New city name will be saved with autofill option

State: If city name is mapped to the state in the master, the state name would automatically displayed. For the new city name, state name will be selected and mapped to the city name. By default all Indian states are available. If the state name is not available it will be created as a new name and saved in autofill option.

Country: Once the state is selected, country name mapped to the state will automatically fill. If the country name is not available to the state selected, new country will be selected and mapped for the subsequent entries. 197 country names are already available. The country name has international telephone code, currency code and mobile digits. While selecting the country, the country code will automatically fill up the country code field. The mobile number will be validated as per the digit provided.

Patient Registration

Search Patient ID

Basic Details

Other Details

First Name *

Last Name

First Name

Last Name

DOB

Age Year *

Age Month

Age Day

Birth Date

Year

Month

Day

Gender *

Clinic Name *

Gender

02-JeeNah Hospital

Consulting Doctor *

Department *

Dr T.Suresh Babu

GENERAL SURGEON

City *

State *

City

State

Country *

Country Code

Mobile *

Country

Country Code

Mobile No

Register

Cancel

..... continued

Mandatory Fields are marked with *

The consulting Doctor is the name of the doctor who has logged in.

This can be changed by the registering personnel so that the patient will be assigned to the respective doctor.

The change of consulting doctor is allowed so that the front office executive can register for multiple doctors with the same user ID.

Search button available in the top screen to register follow up patients.

Search applies to Patient ID, Name, Mobile and city.

Other details

Additional data of the patient are registered in the next “Tab Other Details”

These data are not mandatory

The “Relation Name” shall be renamed as Next of Kin

Next of Kin should come before Relation Type

.....PATIENT REGISTRATION

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Patients

Search

S.no	PatientID	Name	Gender	Mobile	City	Doctor
1	Jeenah1-30	Revathi House	Female	8883773773	Kadayanallu	Dr T.Suresh Babu
2	Jeenah1-20	Sakthivel	Male	3434343333	Chittoor	Dr T.Suresh Babu
28	Kannan Devan		Male	9373773773	Chittoor	Dr T.Suresh Babu
	Balamurali		Male	9963988388	CHENNAI	Dr T.Suresh Babu
	Balamurali		Male	9963988388	CHENNAI	Dr T.Suresh Babu
	Preethi		Female	7309093883	DINDIGUL	Dr T.Suresh Babu
	Prakash		Male	9346737738	Madurai	Dr T.Suresh Babu
	Naveen		Male	2836737777	CHENNAI	Dr T.Suresh Babu

Patient Registration

Search Patient ID

Basic Details

Other Details

City Code

Phone

Email

City Code

Phone Number

eg: youremail@gmail.com

Relation Type

Relation Name

Type

Relation Name

Address 1

Address 2

Address1

Address2

Register

Cancel

OTHER MASTERS

INVESTIGATION MASTER

DIAGNOSIS MASTER

DRUG MASTER

These masters are available by default in the Terminology server (not displayed in the application)

Any new addition can be added by the user. This however will not affect the list in the Terminology server

HOLIDAY MASTER

This facility is to send Greetings messages to the patient either by SMS or as a notification to the patient mobile app. It contains Holiday Date, Holiday Name and the message for greetings.

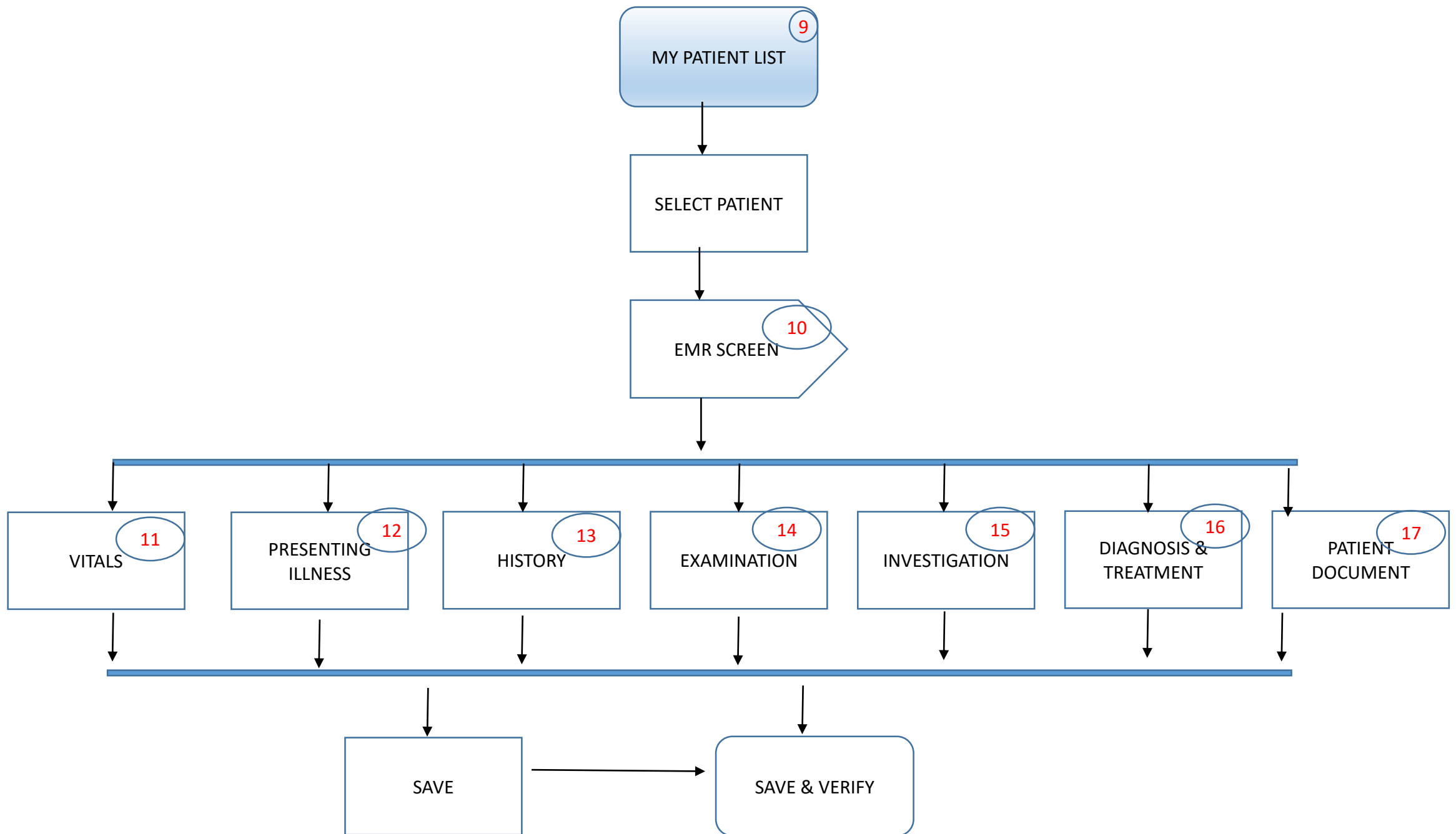
REPORT SETTINGS

This allows the selection of data to print by default. Whenever giving print, the default settings will be available and can be changed anytime in the main screen temporarily. The default settings will not be affected. For example if the default print setting is only the Prescription, any time choosing the print option will show only the Prescription to print. The user has the option to choose others for the current patient.

Report Setting

Visit Report	All Report	
SNO	Report Name	
1	Vitals	<input type="checkbox"/>
2	Presenting Illness	<input type="checkbox"/>
3	Past History	<input type="checkbox"/>
4	Examination	<input type="checkbox"/>
5	Provisional Diagnosis	<input type="checkbox"/>
6	Plan of Care	<input type="checkbox"/>
7	Treatment Plan	<input checked="" type="checkbox"/>

UpdateCancel



MY PATIENT LIST

- The screen shows patient ID, Name, Gender, Consulting Dr Name and the patient Status
- The currently registered patient status is shown as Check in
- All other patient status will be shown as Checked out
- By default, only the checked In Patients of the consulting Dr will be listed. The doctor can choose the option of All patient to see all patients including checked out patients.
- When All doctor is selected, the patients of all doctors will be listed.
- The All Patient and All Doctor facility is controlled by the user rights.
- When other doctors' patient is selected, the doctor shall not have the right to verify the data entered. This option is particularly available for the PA or Nurses to enter all patient data before the patient enters the doctors' consultation.
- No data can be entered for the checked out patient.
- Save and Save & Verify buttons will not be available
- The patient will be checked out automatically at zero hours.
- Search function is available for searching the patient by Patient ID, Name or Doctor's name.

My Patient

All Patient



All Doctor





Patient ID	Name	Gender	Doctor	status
Jeenah1-30	Revathi	Female	Dr T.Suresh Babu	Check-In
Jeenah1-29	Sakthivel	Male	Dr T.Suresh Babu	Check-Out
Jeenah-28	Kannan	Male	Dr T.Suresh Babu	Check-Out
Jee-27	Balamurali	Male	Dr T.Suresh Babu	Check-Out
Jee-18	Rajesh	Male	Dr T.Suresh Babu	Check-Out
Jee-26	Preethi	Female	Dr T.Suresh Babu	Check-Out
Jee-25	Prakash	Male	Dr T.Suresh Babu	Check-Out
Jee-24	Naveen	Male	Dr T.Suresh Babu	Check-Out
Jee-13	Manjula	Female	Dr T.Suresh Babu	Check-Out
Jee-20	Dawood	Male	Dr T.Suresh Babu	Check-Out
SSSH/8275	KEVIN	Male	Dr T.Suresh Babu	Check-Out
SSSH/7482	RANI	Female	Dr T.Suresh Babu	Check-Out

General Features and guidelines to be checked



- On clicking the patient from the My Patient list will land in EMR Screen and it will allow vitals page by default.
- EMR Screens have multiple Tabs to capture different data and information
 - Vitals | Presenting Illness | History | Examination | Investigation | Diagnosis & Treatment | Document
 - The top will show the Patient demographic information like Patient ID, Name, Age, Gender and Allergies if any entered in the previous visit.
- Nothing is mandatory except where it is marked with *
- The Screens are divided into two panes except Examination screen. The left pane is for data entry and the right pane is the resultant data applied.
- The Examination screen is shown as single screen only to capture the data. The resultant data can be seen by clicking the more button.
- There is no strict workflow. The user can open any Tab at anytime.
- There are Item list and Pick list in Presenting Illness, History, Examination, Investigation, Diagnosis and Treatment.
- The item list is named after the function we use. Say for example the item list in Presenting list is named as Symptom list and so on.
- The Template is nothing but the collection of or a group of few items in the items list and also called pick list.
- Generally the items in the list are preloaded. New items can be loaded by using the Add Button (+).
- The items are fetched from the common data base called the Terminology server. This is not shown to the user.
- Any new items loaded by the user shall not affect the Terminology server.
- The Template created will be listed across all the clinics of the same group.

General Features and guidelines to be checked

- To Add new item in the item list, click the Add button (+) which will open a field to enter the name of the item.
- Creation of Template (Pick List):
 - Select the list of items from the Item list and the same will be listed down.
 - Select the check box of the items that are to be saved as the template.
 - Click the Save As Pick List button next to the Pick List field and that will open a dialogue box with the selected items and the field for naming it.
 - Give the name for the Template and save it. The template is created.
 - Selection of Template will load all the items below.
 - Select the check box(es) to be reported and Save or Save & Verify
 - One can also add additional items in addition to the list if items listed in the template.
 - To permanently add the item in the Pick list is by checking the new item and click the button Add to Pick List Button available next to Save As Pick list button
- At any point in time duplication of items will not be listed. Meaning when the list is generated from a template and attempting to add one of the same item from the item list will not list.
- Session Time out: 90 minutes from the last action



- Save is to save the data entered and it can be modified anytime.
- When Save action is initiated, it will resultant data in the right pane will be **Not Verified**. The data will be available in the data entry pane as well for editing.
- Save & Verify is to verify or approve the data entered. Once verified, the data can not be modified.
- The Save & Verify action will clear all the data from the data entry pane (left side)
- Save and Save & Verify will have no function when the data entry pane is empty. The buttons should be disabled or no action should be available when empty.
- When new data are captured on the same date after having verified data, the Save or Save & Verify action will prompt to confirm whether to save it as new visit. This is to ensure that data entry is duplicated. If clicked Yes to Save, then the data will be saved as a new visit.
- When accepted to Save, it will create a new visit data. Save & Verify action is not available in the prompt dialogue.
- The Clear function is to clear all data that are entered during saved condition.
- Reports can be printed even when the data are not verified. But it should be mentioned that it is Not Verified against the respective data
- More Function in the right side of the screen is to see the data history of the screen. To come back to the screen either you click the less button or back button in the bottom.
- Report
 - There are two report buttons in the top right corner of the screen. The first button is to get the report of the current visit and the second button is to get the report of all visits.
 - As far as possible the report per visit will be contained in a single page. The All report will be shown visit by visit. If there are no data in a screen, don't show the headings / titles in the report.

Weight
Height
BP Systolic
BP Diastolic
Respiration
Body Temperature
Oxygen Saturation
BMI
Blood Sugar
Pulse

- Except BMI all fields are editable. BMI will be calculated based on weight.
- Currently there is no validation for the field and will be validated in future.
- The Check Box before Weight when selected will fetch the previous visit data to enable easy entry.
- The Saved Data can be changed any time and will be shown as **Not verified** in the right pan. Any change made in the vital entry will change in the right pan
- Check the General Guidelines for other actions.
- Below the functional Tabs are More and Graph buttons. Clicking more button will show the history of vitals of all visits
- Clicking Graph button will show the graphical representation of Temp, Diastolic and Systolic BP
- Clicking the same button will take to the normal view

Patient View

UHIP: Jeenah1-30 Name: Revathi Age: 33Y/11M/5D Female Allergies:

Vitals Presenting Illness History Examination Investigation Diagnosis & Treatment Patient Document

☐ Weight Kg Height cm




BP Systolic mmHg BP Diastolic mmHg

Respiration bp Body Temperature °F

Oxygen Saturation % BMI kg/m²

Blood Sugar mg/dL Pulse bpm

Enter Notes

Date

Weight (kg)

Height (cm)

Bp (mmHg)

Pulse (bpm)

Respiration (bp)

Temperature (°F)

Oxygen Saturation (%)

BMI (kg/m²)

Blood Sugar (mg/dL)

Notes

VALIDATION OF VITALS

Weight : More than 100 kgs

Height : more than 175 cms

TEMPERATURE: 95 TO 105.5

Blood Pressure Diastolic: 80 – 100

Blood Pressure Systolic: 120 – 190

Pulse: 60 – 100

Respiration Rate; 12 - 16

Oxygen level – 75 – 100

Sugar Level 72 – 140

All these validation requires only an alert and nothing to do with any recommendation or decisions. If it is out of range give an alert to confirm the entry.

ALL FIELDS SHOULD ALLOW FRACTIONS.

Presenting Illness is the one the patient complains. Its is also called Symptoms.

- Check the General Guidelines to use the action buttons.
- Selection from the Item list or from the Pick List will generate the list of Presenting illness with the Symptom, Duration and Remarks.
- Duration and Remarks are not mandatory
- The application is loaded with few symptom list.
- In between the Symptom list and the Template list there is an Add button to add new symptoms.
- The user can choose the list from the Symptom list one by one or the template to generate a list of symptoms. One can add items in addition to the template list by selecting from the item list.
- Only selected items will be shown in the report.
- Pain scale is the measure of pain resulting out of the presenting illness. One can select anyone of the pain button
- Other Notes is to enter additional details.
- If the symptoms are captured by the Patient in the Patient mobile App, the same will be listed as Saved status.
- All visits will be shown in the right side pan with expand / collapse button

PRESENTING ILLNESS

12

rec

+

Symptoms Pick list

Recurrent Cold

Recurrent Soar Throat

Remarks

Delete

<input type="checkbox"/>	Heart Burn	<input type="text"/>	Days	<div></div>	<div></div>
<input type="checkbox"/>	Nausea	<input type="text"/>	Days	<div></div>	<div></div>

No Pain

Mild

Moderate

Severe

Very Severe

Worst Pain

Other Notes

Presenting Illness

Hx of Blood Transfusion Radio Button for Yes / No

BLOOD GROUP: A+ve | A-ve | B+ve | B-ve | O+ve | O-ve | AB+ve | AB-ve

(If the result of lab test ordered shows variation of blood grouping, give alert to accept the lab result and over write)

- Genital and Reproductive History
- For Male, only Married / Unmarried will be listed.
- Pregnancy, Menstruation History are only for female.
- Validation: When Menopause is selected Normal, Abnormal and the LMP Dates are disabled. Otherwise the LMP Date should be open for entering the date.
- Enter any number of Allergies. Preloaded with few allergies. Auto fill option for new allergies.
- The allergy entered will be displayed in the top of the screen in Red colour.
- Co-Morbidities – Same function of Item list and pick list. Duration and Remarks to be entered (optional)
- Current Medication: Auto fill
- Surgical History : Auto fill option
- Any other History: for additional notes
- Save and Verify will be the same as previous screens

The examination is preloaded with few items.

Unlike the other dropdown each item shall have 12 options to select. When you are creating a new list you can add a maximum of 12 options.

The result of Save and Save & Verify can be seen after clicking the More button.

The chat mark below the heading is for adding comments. When comments are added, it will change its shape.

The comments should appear after the options in the report.




Clicking of any option or selection of options will automatically check in the data











14 Examination

General Examination

+

HEENT



<input type="checkbox"/>	Head 	<input type="checkbox"/> Normal Size & Shape	<input type="checkbox"/> Signs of Trauma				
<input type="checkbox"/>	Eyes 	<input type="checkbox"/> Normal Vision	<input type="checkbox"/> Glasses	<input type="checkbox"/> Diplopia	<input type="checkbox"/> Pain		
<input type="checkbox"/>	Ears 	<input type="checkbox"/> Normal Hearing	<input type="checkbox"/> Hearing Aid	<input type="checkbox"/> Discharge	<input type="checkbox"/> Pain		
<input type="checkbox"/>	Mouth 	<input type="checkbox"/> Dental Care	<input type="checkbox"/> Dentures	<input type="checkbox"/> Sores	<input type="checkbox"/> Sore Throat		
<input type="checkbox"/>	Nose 	<input type="checkbox"/> Epistaxis	<input type="checkbox"/> Obstruction	<input type="checkbox"/> Sinusitis			

Comments

Specific Examination Comments

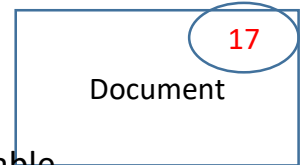
- There are Item list and Pick list only available. Follow the general guidelines
- There are few preloaded items in the item list.
- Separate Print button available to give print of this page alone



- The user can select Provisional Diagnosis or Final Diagnosis as the case may be
- The selection of item will generate the list of diagnosis with remarks field
- The resultant entry will be loaded in the right pane as Provisional Diagnosis or Final Diagnosis as the case may be.
- There is not Template field
- Prescription of medicine is done from the item list or the Pick list. See general guidelines
- There is one field by name Other Process with auto fill option and selection of date. This can be used for fixing any other procedure or review etc.
- Other notes are just text boxes to enter.
- Separate print button available to give print of this page alone.



- This page is to attach patient documents
- Currently browsing the file and attaching it is available
- The document can be given a Tag Name. In addition to the Tag name there will be another dropdown with screen name.
- The function of attaching document shall also be available in Presenting Illness, Examination, Patient History and Investigation
- Search option should be available with Tag name and Screen name
- Rights to upload and delete should be controlled by user rights. **Currently there is no user rights to delete document.**



The audit trail should give information on the following

All activities should be captured. Nothing to be left out.

1. Date
2. Time
3. User
4. Module
5. Activity / Event

Filter / Search option

Date range

User

Module

AUDIT TRAIL

