



# NextGen eHospital User Manual

## DOCUMENT RELEASE NOTE

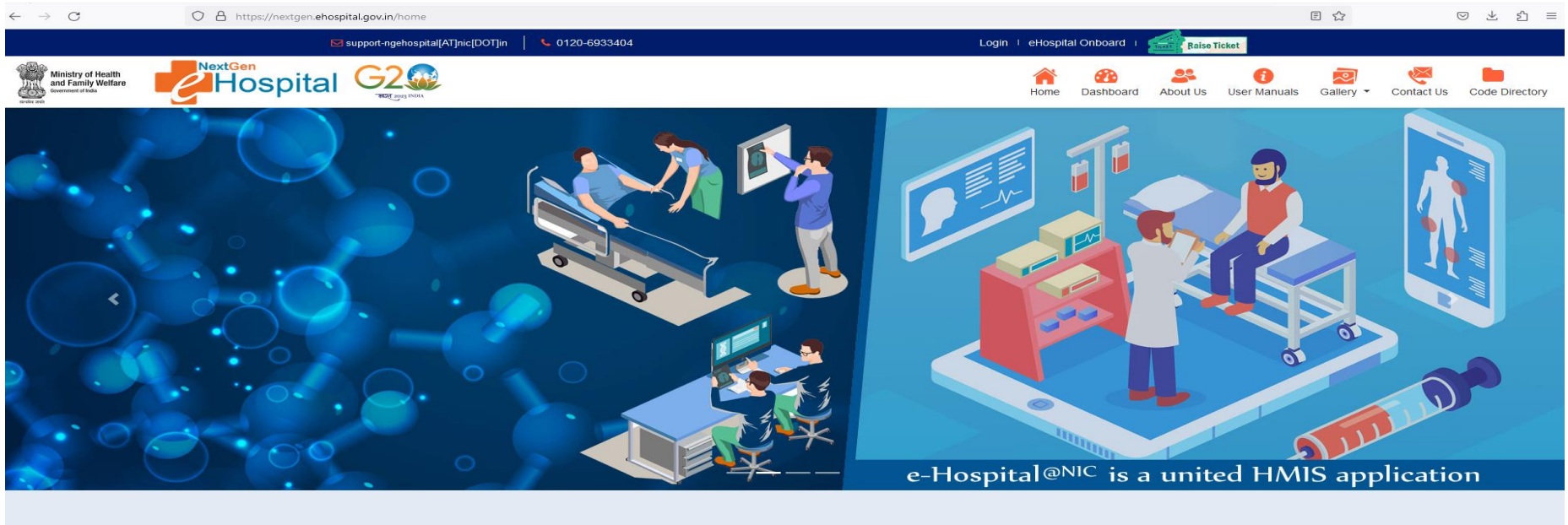
### Radiology Information System

Version	2.0
Date of Release	22 January, 2024
Department	eHospital and ORS Division, NIC

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2. Home Page
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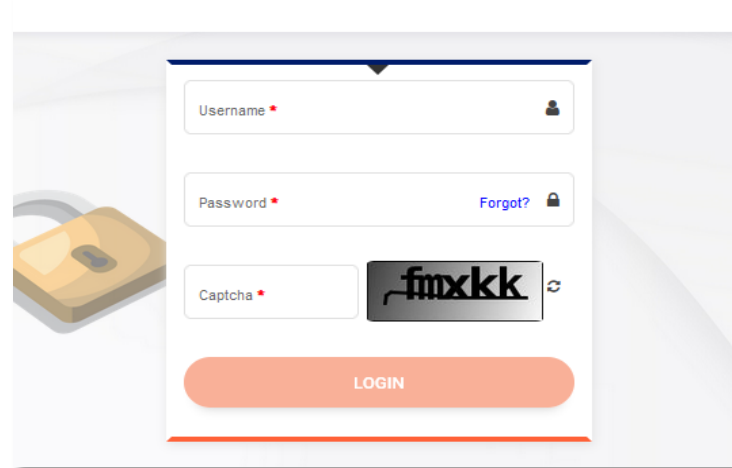
To login in Live environment:- <https://nextgen.ehospital.gov.in>



To login in Staging environment:- <https://nextgen.ehospital.nic.in>



1. **LOGIN PAGE:** For user to Login in. This window appears, write Username, Password lastly the Captcha and then click "login".



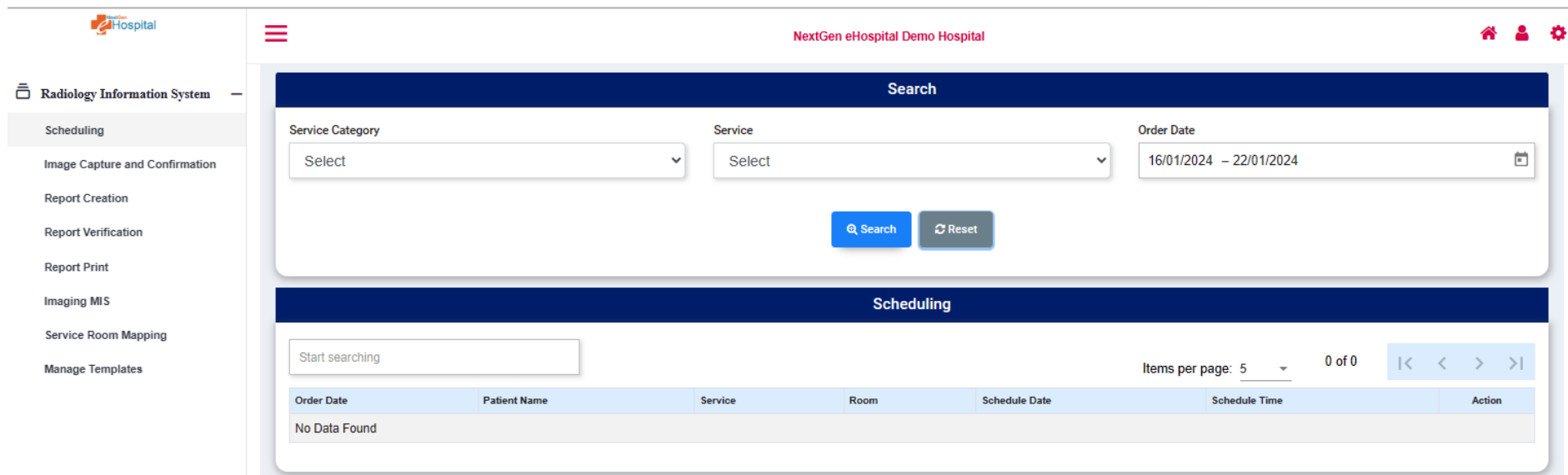
The login form is a white rectangular box with a subtle drop shadow. It contains three input fields: 'Username' with a red asterisk and a user icon, 'Password' with a red asterisk, a 'Forgot?' link, and a lock icon, and 'Captcha' with a red asterisk and a refresh icon. Below the fields is a large orange 'LOGIN' button. To the left of the form is a 3D illustration of a computer mouse on a light gray surface.

2. **NextGen Homepage:** Once the user Login in. The below homepage is visible to the user. The modules would be visible as per the roles assigned by Nodal officer to the users.



The homepage features a dark blue header with contact information: 'support-ngehospital[at]nic[DOT]in' and '0120-6933404,+91-7859939940'. Below the header is a navigation bar with the 'NextGen eHospital Demo Hospital' logo and icons for home, user, settings, and a document. The main content area displays a grid of 11 modules, each with a colorful icon and a label: 'IPD' (yellow), 'Generate Health ID' (green), 'Health Facility Configuration' (red), 'OPD Configuration' (teal), 'OPD Clinic' (yellow), 'OPD Registration' (green), 'Billing' (red), 'Radiology Information System' (teal), 'Code Directory' (yellow), 'Store and Inventory' (green), and 'Lab Information System' (red). Each module icon consists of three interlocking gears in different colors.

3. After clicking the Radiology Information System, this window appears, the user can check the schedule test of the patient by selecting the Service category, service and lastly the order date and search the result.



**NextGen eHospital Demo Hospital**

**Radiology Information System**

Scheduling

Image Capture and Confirmation

Report Creation

Report Verification

Report Print

Imaging MIS

Service Room Mapping

Manage Templates

**Search**

Service Category: Select

Service: Select

Order Date: 16/01/2024 – 22/01/2024

Search Reset

**Scheduling**

Start searching

Items per page: 5 0 of 0

Order Date	Patient Name	Service	Room	Schedule Date	Schedule Time	Action
No Data Found						

For diagnosis of the patient, the doctor may prescribe a lab order from the OPD clinic or direct counter at billing based on the prescription. The lab order will be reflected in Scheduling when user select the service category, service, order date and search.

### From OPD

Step 1:- The doctor will prescribe the lab order to the patient by clicking “Rx”.



**NextGen eHospital Demo Hospital**


**Patient List (On 22-01-2024)**

Today Patients Previous Patients

Search Patient

Sr No.	PATIENT	TOKEN NO. ↑	UHID	NAME	ADDRESS	AGE/SEX	ABHA ADDRESS	PRACTITIONER	PRESCRIPTION
1		1	20230000452	Tamina	Cdvvvv	22 years/Male		Saurab_42843	 

Step 2:- The doctor prescribe the lab order.



Registration No : 20230000405

Name : Saurbh

Gender : Male

CDSS

Template

Vitals

Complaints

Investigations

Allergies

Diagnosis

Medications

Laboratory

Radiology

Procedure

Radiology Investigation\*

MRI BRAIN WITH ANGIOGRAPHY

MRI BRAIN WITH ANGIOGRAPHY

Search

Advice

Save


Reset

+

Services available in Demo Hospital, Gujarat

Investigation	Advice	Entry Date
Axilla S Side Colour Doppler	REST	Jan 22, 2024, 5:05:09 PM

Step 3:- In radiology module, the lab order will be reflected in Scheduling when user select the service category, service, Order date and search.



Radiology Information System

Scheduling

Image Capture and Confirmation

Report Creation

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Manage Templates

Service Category

COLOUR DOPPLER

Service

AXILLA S SIDE COLOUR DOPPLER

Order Date

16/01/2024 – 22/01/2024

Search

Reset

Scheduling

Start searching

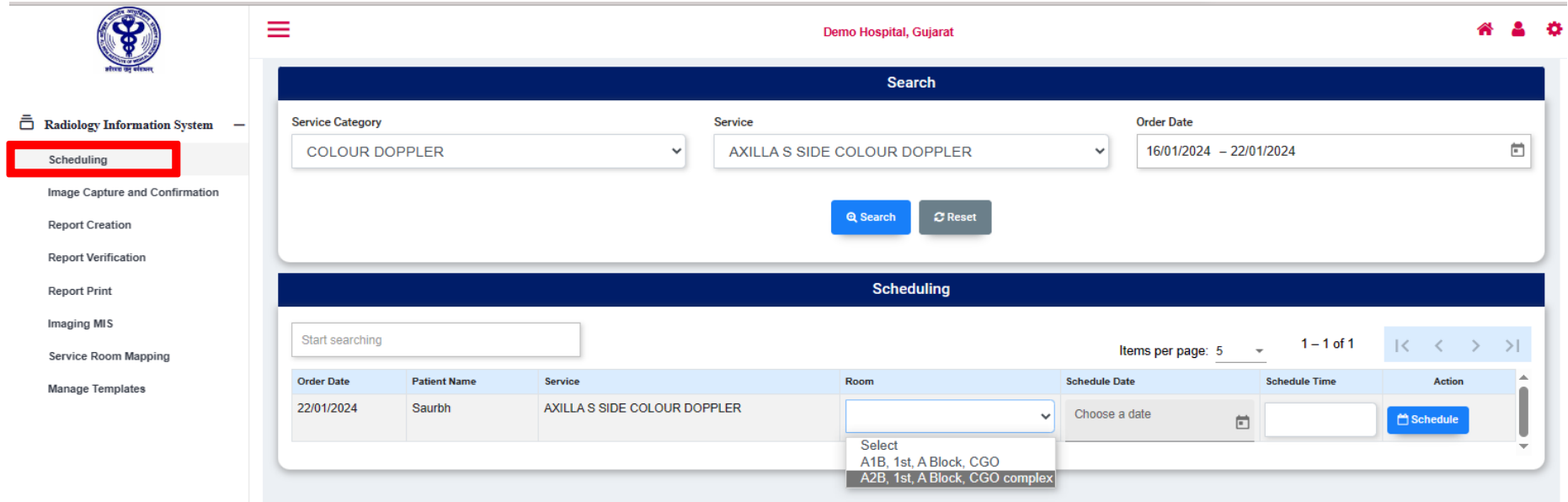
Items per page: 5

1 – 2 of 2

<< < > >>

Order Date	Patient Name	Service	Room	Schedule Date	Schedule Time	Action
17/01/2024	sonu kumar	AXILLA S SIDE COLOUR DOPPLER		Choose a date		Schedule
22/01/2024	Saurbh	AXILLA S SIDE COLOUR DOPPLER		Choose a date		Schedule

4. The user can schedule the test for the patient by defining the Room No., Schedule date, schedule time and lastly click Schedule.



**Search**

Service Category: COLOUR DOPPLER  
 Service: AXILLA S SIDE COLOUR DOPPLER  
 Order Date: 16/01/2024 - 22/01/2024

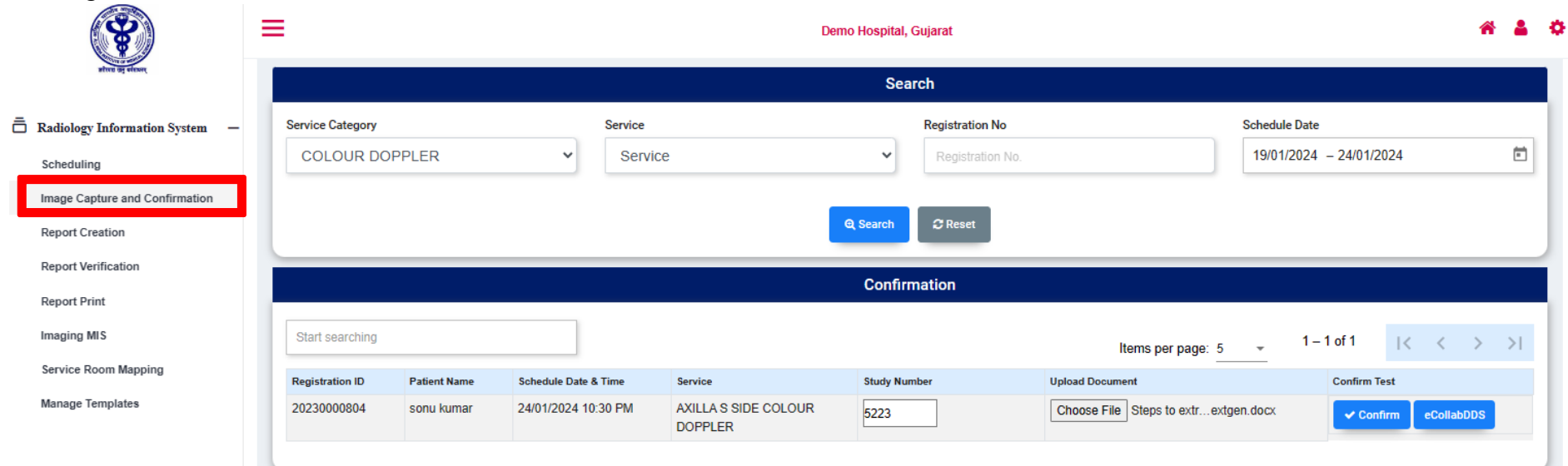
**Scheduling**

Start searching

Items per page: 5 1 - 1 of 1

Order Date	Patient Name	Service	Room	Schedule Date	Schedule Time	Action
22/01/2024	Saurbh	AXILLA S SIDE COLOUR DOPPLER	<div> <input type="text"/> <ul style="list-style-type: none"> <li>Select</li> <li>A1B, 1st, A Block, CGO</li> <li>A2B, 1st, A Block, CGO complex</li> </ul> </div>	Choose a date		<button>Schedule</button>

5. After Scheduling of the test, the user capture the image related to the test, write the study Number and lastly confirm the test by clicking "Confirm".



**Search**

Service Category: COLOUR DOPPLER  
 Service: Service  
 Registration No.: Registration No.  
 Schedule Date: 19/01/2024 - 24/01/2024

**Confirmation**

Start searching

Items per page: 5 1 - 1 of 1

Registration ID	Patient Name	Schedule Date & Time	Service	Study Number	Upload Document	Confirm Test
20230000804	sonu kumar	24/01/2024 10:30 PM	AXILLA S SIDE COLOUR DOPPLER	5223	<div> <input type="button" value="Choose File"/> Steps to extr...extgen.docx </div>	<div> <input type="button" value="Confirm"/> <input type="button" value="eCollabDDS"/> </div>



6. After the Image capturing, the user may create the report of the Test executed by clicking “Create”.

The screenshot displays the NextGen eHospital Demo Hospital interface. On the left, a sidebar menu for the 'Radiology Information System' includes options like 'Scheduling', 'Image Capture and Confirmation', and 'Report Creation', which is highlighted with a red box. The main content area features a 'Search' section with filters for 'Service Category', 'Service', 'Study Number', and 'Registration No.', along with a 'Confirmation Date' range. Below the search filters are 'Search' and 'Reset' buttons. A navigation bar contains 'Create Report' (highlighted in blue), 'Update Report', and 'Draft Report' buttons. The 'Create Report' section includes a search input, pagination controls, and a table with one entry for a patient named Ashish Bagga. A 'Create' button is visible in the 'Report' column of the table.

**Search**

Service Category: Select  
Service: Select  
Study Number: Study Number  
Registration No: Registration No.  
Confirmation Date: 16/01/2024 - 22/01/2024

**Create Report** **Update Report** **Draft Report**

**Create Report**

Start searching

Items per page: 5 1 - 1 of 1

Registration No	Patient Name	Confirmation Date	Service	Study Number	Download	Report
20230000031	Ashish Bagga	22/01/2024 - 5:43 PM	BEDSIDE ULTRA SOUND	68	--	<a href="#">Create</a>

7. By clicking the "Create" button, a window like below will be displayed as shown below, fill the required details, impression and findings, if user can't define, can write in remarks and lastly click "Save" to verify the report.

Radiology In

Scheduling

Image Captur

Report Creati

Report Verifi

Report Print

Imaging MIS

Service Room

Manage Term

Create Report

Patient Details

Name: Ashish Bagga

Registration No: 20230000031

Service: BEDSIDE ULTRA SOUND

Study Number: 68

Template

Select

↶ ↷ I U S x<sub>2</sub> x<sup>2</sup>

Standard Arial 3 Clear Class

the test is verified

Impression \*

verified

Created By \*

Saurab Mahajan

Findings \*

Infiltration/Consolidation	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Can't Decide
Emphysema	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide
Edema	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide
Atelectasis	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Can't Decide
Nodule/Mass	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide
Pneumothorax	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide
Fibrosis	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Can't Decide
Cardiomegaly	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide
Hernia	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Can't Decide
Effusion	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide
Pleural Thickening	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Can't Decide

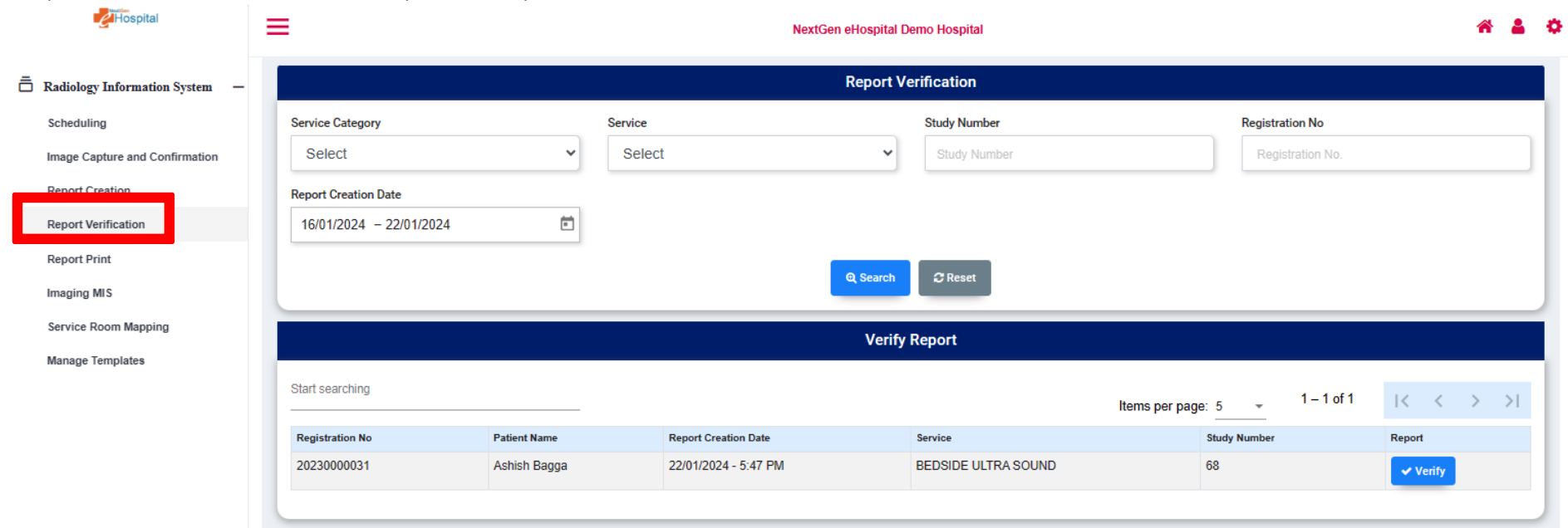
Remark \*

don't know whether it exist or not

Save

Save as Draft

8. Once the report created, the user may verify the report by clicking “**Verify**”. The user write/ make changes as per the requirement, select the verified by and lastly “save”.



**NextGen eHospital Demo Hospital**

**Report Verification**

Service Category: Select Service: Select Study Number: Study Number Registration No: Registration No.

Report Creation Date: 16/01/2024 – 22/01/2024

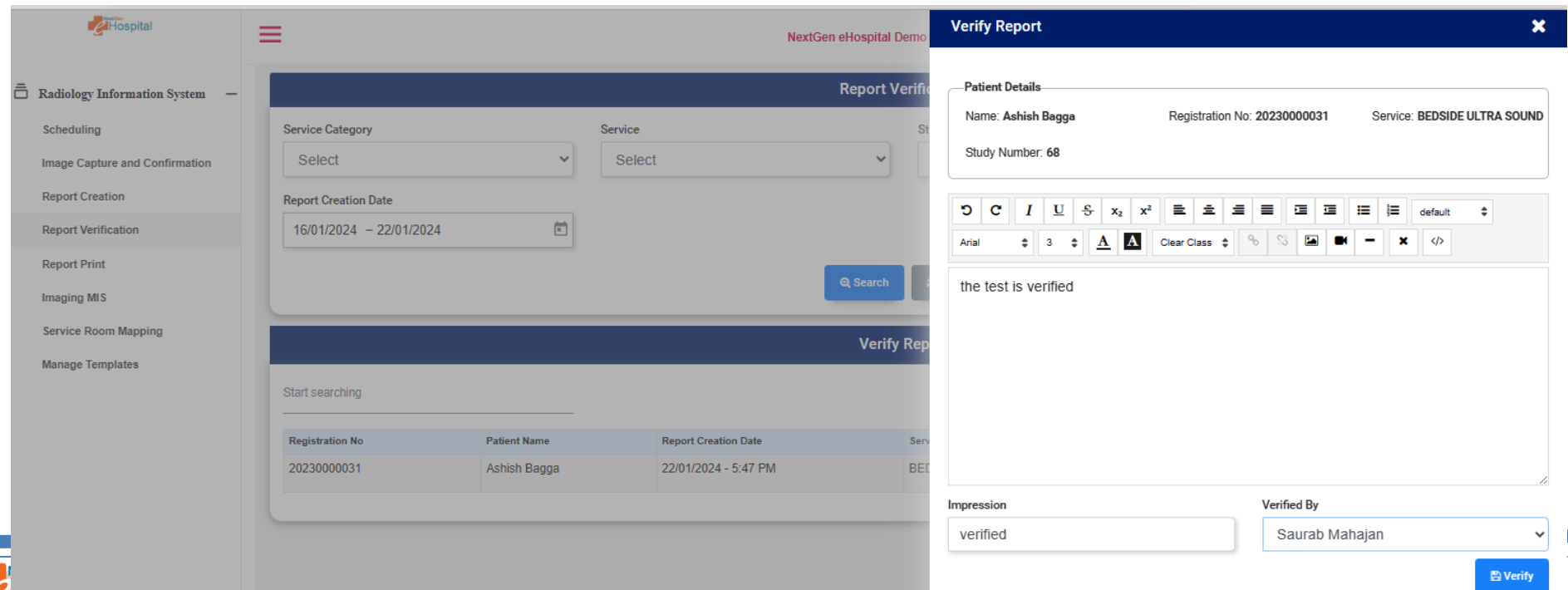
Search Reset

**Verify Report**

Start searching

Items per page: 5 1 – 1 of 1

Registration No	Patient Name	Report Creation Date	Service	Study Number	Report
20230000031	Ashish Bagga	22/01/2024 - 5:47 PM	BEDSIDE ULTRA SOUND	68	Verify



**Verify Report**

**Patient Details**

Name: Ashish Bagga Registration No: 20230000031 Service: BEDSIDE ULTRA SOUND

Study Number: 68

the test is verified

Impression: verified

Verified By: Saurab Mahajan

Verify

9. To Print the report the user may review and clicking “View” to print the report.

NextGen eHospital

Radiology Information System

Scheduling

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Report Print

Service Category

COLOUR DOPPLER

Service

Select

Study Number

Study Number

Registration No

Registration No.

Report Verification Date

16/01/2024 – 22/01/2024

Search

Reset

Print Report

Start searching

Items per page: 51 – 1 of 1

Registration No

Patient Name

Report Verification Date

Service

Study Number

Report

20230000031

Ashish Bagga

22/01/2024 - 5:50 PM

BEDSIDE ULTRA SOUND

68

View

Report Print

Patient Details

Name: Ashish Bagga

Registration No: 20230000031

Service: BEDSIDE ULTRA SOUND

Study Number: 68

Creation Date: 22/01/2024

Verification Date: 22/01/2024

Report Prepared By: Saurab Mahajan

Report Verified By: Saurab Mahajan

Report Description

the test is verified

Impression

verified

Print

NextGen eHospital

10. To obtain Imaging MIS, the user can select the service category, service, service status, Date & Room and lastly click "Search".

NextGen Hospital

Radiology Information System

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NextGen eHospital Demo Hospital

Home

User

Settings

MIS Reports

Service Category

Select

Service

Select

Service Status

Ordered

Date

16/01/2024 – 22/01/2024

Room

Room

Search

Reset

MIS

Print

Start searching

Items per page: 51 – 4 of 4

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Registration No	Patient Name	Service	Status	Study Number	Room No	Order Date	Schedule Date	Confirmation Date	Report Creation Date	Report Verification Date
20230000031	Ashish Bagga	MRI KNEE JOINT	ORDERED			16/01/2024	-	-	-	-
20240000019	farhan	ABDOMEN COLOR DOPPLER	ORDERED			19/01/2024	-	-	-	-
20240000019	farhan	MRI BRAIN WITH ANGIOGRAPHY	ORDERED			19/01/2024	-	-	-	-
20240000019	farhan	ABDOMEN COLOR DOPPLER	ORDERED			19/01/2024	-	-	-	-

## RADIOLOGY CONFIGURATION

11. To map Service room the user need to add New Room details by clicking the “Add New Room”.

NextGen eHospital Demo Hospital

### Radiology Service Category Vs Room Management

Service Category:  Available Room:

#### Rooms

Start searching

Items per page: 5 1 – 5 of 34

Service Category	Room	Limit	Action
MAJOR OPERATION	p12w, 1st, PS1	50	<input type="button" value="Update"/>
ROUTINE ULTRASOUND	p2w, 1st, PS1	100	<input type="button" value="Update"/>

After clicking the Add New Room, the user may get the window appeared as below.

NextGen eHospital Demo Hospital

### Radiology Service Category Vs Room Management

Service Category:  Available Room:

#### Rooms

Start searching

Items per page: 5 1 – 5 of 34

Service Category	Room	Limit	Action
MAJOR OPERATION	p12w, 1st, PS1	50	<input type="button" value="Update"/>
ROUTINE ULTRASOUND	p2w, 1st, PS1	100	<input type="button" value="Update"/>

### Add New Room

Service Category:

Room:

No Of Test:

NextGen eHospital
NextGen eHospital Demo Hospital

Radiology Information System
Manage Report Template

Service Category

Select

Service

Select

Search

Reset

Available Report Template
Add Report Template

Start searching

Items per page: 5
1 – 5 of 8

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Report Template Name	Created By		Report
yes	Saurab Cardio	<div style="background-color: #007bff; color: white; padding: 5px 10px; border-radius: 4px;"> Edits</div>	
blood sugar	Saurab Cardio	<div style="background-color: #007bff; color: white; padding: 5px 10px; border-radius: 4px;"> Edits</div>	
urea sample	Saurab Cardio	<div style="background-color: #007bff; color: white; padding: 5px 10px; border-radius: 4px;"> Edits</div>	

The image displays a web-based medical reporting system. A central modal window titled "Create Report Template" is active. This modal includes dropdown menus for "Service Category" and "Service" (currently set to "Whole Blood"), a text field for "Report Template Name:" containing "WHOLE BLOOD", a rich-text editor toolbar, a text area with the placeholder text "The test need to be verified", an "Impression" field with the value "verified", and a "Created By:" dropdown menu showing "Saurab Mahajan". Navigation buttons for "Cancel" and "Save" are at the bottom of the modal. In the background, a sidebar lists navigation options such as "Radiology Information System", "Scheduling", "Image Capture and Confirmation", "Report Creation", "Report Verification", "Report Print", "Imaging MIS", "Service Room Mapping", and "Manage Templates". The main panel behind the modal shows a table of existing report templates, with the last entry being "CANCER".