

Docummentation Of Xray Module

28/07/19

1. Introduction to Xray Module: An X-ray is a common imaging test that's been used for decades. It can help your doctor view the inside of your body without having to make an incision. This can help them diagnose, monitor, and treat many medical conditions.

2. Data Tables: Tables used in the xray modules are given below:

- ◆ xray.sql
- ◆ admin_xname.sql
- ◆ admin_subname.sql

2.1 xray.sql

| Field | Type | Null | Key | Default | Extra |
|----------|--------------|------|-----|---------|----------------|
| id | Int(11) | No | PRI | NULL | auto_increment |
| regno | varchar(13) | YES | | NULL | |
| xdate | date | YES | | NULL | |
| pid | int(11) | YES | | NULL | |
| xtype | varchar(25) | NO | | NULL | |
| stype | varchar(25) | NO | | NULL | |
| amount | varchar(20) | YES | | NULL | |
| upload | varchar(500) | YES | | NULL | |
| location | varchar(20) | NO | | NULL | |

2.2 admin_xname.sql

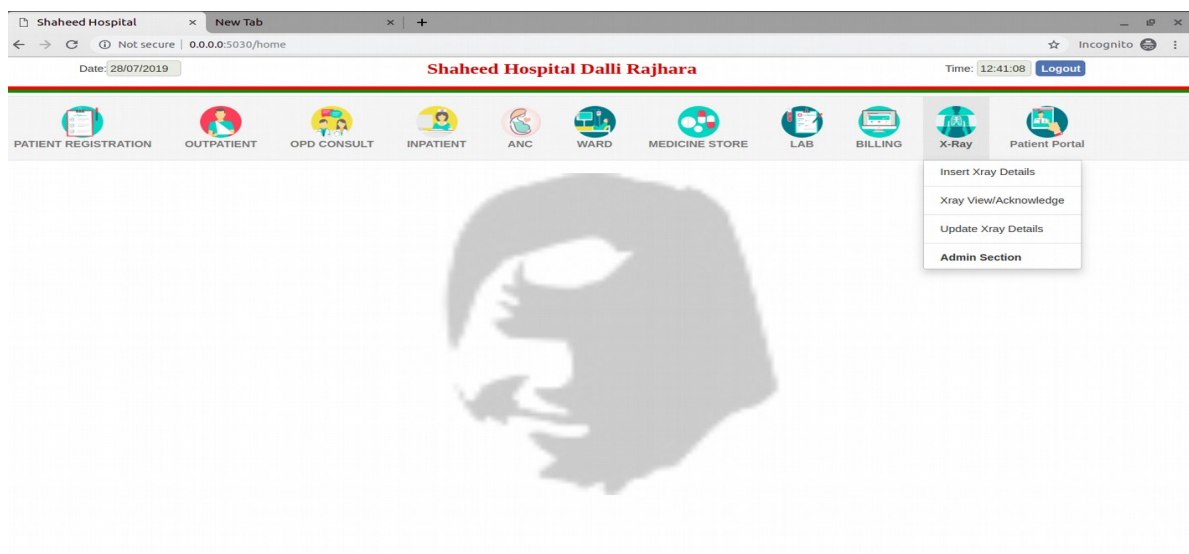
| Field | Type | Null | Key | Default | Extra |
|--------------|-------------|------|-----|---------|----------------|
| xid | Int(11) | No | PRI | NULL | auto_increment |
| xrayname | varchar(50) | No | | NULL | |
| deletestatus | Int(1) | YES | | 0 | |

2.3 admin_xname.sql

| Field | Type | Null | Key | Default | Extra |
|--------------|-------------|------|-----|---------|----------------|
| subid | Int(11) | No | PRI | NULL | auto_increment |
| xid | Int(11) | YES | | NULL | |
| subxray | varchar(50) | No | | NULL | |
| amount | int(3) | YES | | NULL | |
| deletestatus | Int(1) | YES | | 0 | |

4. Xray-Module: There are 4 sections which are as follows:

- Insert Xray Details
- Xray view/Acknowledgement
- Update Xray Details
- Admin Section



4.1 Insert Xray Detail:

In this section user insert the xray details by entering the *registration number* and check whether the patient is from OPD or WARD.



The screenshot shows the web application interface for Shaheed Hospital Dalli Rajhara. The header includes the date '28/07/2019', the hospital name, and the time '12:41:21' with a 'Logout' button. A navigation bar contains icons for various modules: PATIENT REGISTRATION, OUTPATIENT, OPD CONSULT, INPATIENT, ANC, WARD, MEDICINE STORE, LAB, BILLING, X-Ray, and Patient Portal. The 'Insert X-ray Details' section is highlighted in green and contains a form with the following fields: 'Enter RegNo :', 'Pateint From: --Select--', and a 'Search' button. The form is currently empty.

A patient visit is required to enter the patient xray details in the module.

If the visit of patient either OPD or IPD has not recorded yet, it show the error as “invalid registration number”.



The screenshot shows the same web application interface as the previous one, but with an error message displayed below the 'Search' button. The error message is 'INVALID REGISTRATION NUMBER!'. The date in the header is now '29/07/2019' and the time is '0:28:27'.

After entering the xray details page, if patient is from OPD then the location 'OPD' will be displayed. If the patient is from 'WARD' then in the location Bed No.(like C-1,F-2,etc) will be displayed. Now Doctor/User need to insert the xray details of patient like (date,xraytype,subtype and xray image). User can insert multiple xray details of the patient.


Date: 28/07/2019 **Shaheed Hospital Dalli Rajhara** Time: 12:42:00 [Logout](#)

PATIENT REGISTRATION OUTPATIENT OPD CONSULT INPATIENT ANC WARD MEDICINE STORE LAB BILLING X-Ray Patient Portal

Patient Vitals

Regno:2019SHD1 Name:Ram Prasad Chaurasia Sex:Male Age:24 Location:OPD

Date: 28/07/2019 X-Ray Type: --Select-- SubType: --Select-- Amount: Add: + Remove: -

| Select | Date of Xray | Xray Type | SubType | Amount | Upload Xray | Xray Preview |
|--------------------------|--------------|-----------|---------------|--------|---------------------------------------|---|
| <input type="checkbox"/> | 2019-07-28 | Chest | CHEST AP VIEW | 200 | Choose file imgs.jpeg |  |

[Save](#)

4.2 Xray View/Acknowledment:

In this section user can get/search the xray details or patient using:

- 1.Registration Number
- 2.Particular Date
- 3.Between Two Dates.

When user want to search the details of the patient using registration number, he/she need to enter the registration number in the field.

When user want to search the details of patient for a particular date, he/she need to select the date from date field. Using this search user can also get the total number of pateint he visited in a day and total amount he got.

Sometime the patient lost the receipt in that case user can search its details using “search between two date option”

User can also generate monthly xray report for each type of xray.

Date: 28/07/2019 **Shaheed Hospital Dalli Rajhara** Time: 12:42:12 [Logout](#)

PATIENT REGISTRATION OUTPATIENT OPD CONSULT INPATIENT ANC WARD MEDICINE STORE LAB BILLING X-Ray Patient Portal

Acknowledgement Of Patient Visit

Pick Any Registration Number
Registration No. [Search](#)

Pick Any Date
Date [Search](#)

Pick Range of Date
From: To: [Search](#)

Pick Range of Date
From: To: [Search](#)

Date: 28/07/2019 **Shaheed Hospital Dalli Rajhara** Time: 12:42:30 [Logout](#)

PATIENT REGISTRATION OUTPATIENT OPD CONSULT INPATIENT ANC WARD MEDICINE STORE LAB BILLING X-Ray Patient Portal

Acknowledgement Of Patient Visit


Pick Any Registration Number
Registration No. [Search](#)

Pick Any Date
Date [Search](#)

Pick Range of Date
From: To: [Search](#)

Pick Range of Date
From: To: [Search](#)

| Regno: | Name: | Sex: | Age: |
|----------|----------------------|------|---------|
| 2019SHD1 | Ram Prasad Chaurasia | Male | 24Years |

| Date | Xray Type | SubType | Amount | Xray Image | Patient From |
|------------|-----------|---------------|--------|---|--------------|
| 12/07/2019 | Chest | CHEST AP VIEW | 200 |  | OPD |

Date: 28/07/2019 **Shaheed Hospital Dalli Rajhara** Time: 12:42:42 [Logout](#)

PATIENT REGISTRATION OUTPATIENT OPD CONSULT INPATIENT ANC WARD MEDICINE STORE LAB BILLING X-Ray Patient Portal

Acknowledgement Of Patient Visit

Pick Any Registration Number
Registration No. [Search](#)

Pick Any Date
Date [Search](#)

Pick Range of Date
From: To: [Search](#)

Pick Range of Date
From: To: [Search](#)

| Registration No | Patient Name | Sex | Age | Patient From | Date Of Xray | Xray Name | SubName | Amount |
|-----------------|----------------------|--------|---------|--------------|--------------|-----------|--------------------|--------|
| 2019SHD1 | Ram Prasad Chaurasia | Male | 24Years | OPD | 12/07/2019 | Chest | CHEST AP VIEW | 200 |
| 2019SHD2 | sunidi Chouhan | Female | 25Years | OPD | 12/07/2019 | KUB | KUB AP VIEW | 250 |
| 2019SHD2 | sunidi Chouhan | Female | 25Years | K123 | 14/07/2019 | KUB | KUB AP VIEW | 250 |
| 2019SHD41 | Rameshwar Singh | Male | 27Years | OPD | 19/07/2019 | Chest | CHEST AP VIEW | 200 |
| 2019SHD41 | Rameshwar Singh | Male | 27Years | S4 | 19/07/2019 | KUB | KUB AP VIEW | 250 |
| 2019SHD41 | Rameshwar Singh | Male | 27Years | M3 | 19/07/2019 | Chest | CHEST AP VIEW | 200 |
| 2019SHD42 | sangeeta sahu | Female | 28Years | d1 | 19/07/2019 | Chest | CHEST ORIOQUE VIEW | 200 |

4.3 Update Xray Details:

In this section user can update the xray details or do corrections. All he/she need to do is clicking on the “update xray details” and then enter the registration number of patient the select the location (OPD/WARD) and then clicking the search button. If there is no data for the patient or regno is wrong then it show an error message as “invalid registraion number”.

Date: 28/07/2019

Shaheed Hospital Dalli Rajhara

Time: 12:43:41 Logout

PATIENT REGISTRATION

OUTPATIENT

OPD CONSULT

INPATIENT

ANC

WARD

MEDICINE STORE

LAB

BILLING

X-Ray

Patient Portal

Edit X-ray Details

Enter RegNo : Patient From: --Select-- Search

If the data of patient already inserted before it will show the new window with old details he already inserted before as show below:

Date: 28/07/2019

Shaheed Hospital Dalli Rajhara

Time: 12:43:57 Logout

PATIENT REGISTRATION

OUTPATIENT

OPD CONSULT

INPATIENT

ANC

WARD

MEDICINE STORE

LAB


BILLING

X-Ray

Patient Portal

Patient Vitals

Regno:2019SHD1 Name:Ram Prasad Chaurasia Sex:Male Age:24 Location:OPD

| Date | Xray Type | SubType | Amount | Old Xray Preview | Upload New Xray | Update |
|---|------------------|--------------------------|----------------------------------|--|----------------------|-------------------|
| <input type="text" value="12/07/2019"/> | <div>Chest</div> | <div>CHEST AP VIEW</div> | <input type="text" value="200"/> |  | <input type="text"/> | <div>Update</div> |

After editing the correct details user need to press the update button and a message will be displayed as “data updated successfully”

4.4 Admin Section:

The admin section of xray is made for two things:

- 1.Add/ViewUpdate New Xray Type/Name
- 2.Add/View Update Part Presentation and Amount for

same.

The screenshot shows the 'XRAY ADMINISTRATION' section of the Shaheed Hospital Dalli Rajhara system. The top navigation bar includes a date selector (28/07/2019), the hospital name, a time display (12:44:38), and a 'Logout' button. Below the navigation bar is a row of icons for various hospital departments: PATIENT REGISTRATION, OUTPATIENT, OPD CONSULT, INPATIENT, ANC, WARD, MEDICINE STORE, LAB, BILLING, X-Ray, and Patient Portal. The main content area features a table with two columns: 'Add' and 'View/Edit'. The 'Add' column contains links for 'Add Xray Name' and 'Add Part Presentation'. The 'View/Edit' column contains links for 'View/Update Xray Name' and 'View/Update Part Presentation'.

| XRAY ADMINISTRATION | |
|---------------------------------------|---|
| Add | View/Edit |
| Add Xray Name | View/Update Xray Name |
| Add Part Presentation | View/Update Part Presentation |

➔ To add new part name or xray type name click on *add xray name* and then enter the name in the textbox and press the *save* button.

This screenshot shows the 'Insert New Xray' form within the 'XRAY ADMINISTRATION' section. The form has a header bar with the title 'Insert New Xray'. Below the header, there is a table with two columns: 'Part Type' and 'Save'. The 'Part Type' column contains a text input field. The 'Save' column contains a 'Save' button.

| Insert New Xray | |
|----------------------|-----------------------|
| Part Type | Save |
| <input type="text"/> | <button>Save</button> |

- ➔ To view the same click on the *view/Update Xray name* and made the corrections if needed and click on **Update** button.

Date: 28/07/2019 **Shaheed Hospital Dalli Rajhara** Time: 12:44:52 [Logout](#)

PATIENT REGISTRATION OUTPATIENT OPD CONSULT INPATIENT ANC WARD MEDICINE STORE LAB BILLING X-Ray Patient Portal

XRAY ADMINISTRATION

| Add | View/Edit |
|---------------------------------------|---|
| Add Xray Name | View/Update Xray Name |
| Add Part Presentation | View/Update Part Presentation |

Update Xray Name

| Xray Name | Update |
|--|---------------------------------------|
| <input type="text" value="Chest"/> | <input type="button" value="Update"/> |
| <input type="text" value="Orthopedics"/> | <input type="button" value="Update"/> |
| <input type="text" value="Chest_U14"/> | <input type="button" value="Update"/> |
| <input type="text" value="Orthopedics_U14"/> | <input type="button" value="Update"/> |
| <input type="text" value="Abdomen"/> | <input type="button" value="Update"/> |
| <input type="text" value="Abdomen_U14"/> | <input type="button" value="Update"/> |
| <input type="text" value="KUB"/> | <input type="button" value="Update"/> |

- ➔ To insert new part presentation for the , click on “*Add Part Presentation*” and select the xray name from the select box then type the presentation name or type, enter the amount and then click on **save** button.

Date: 28/07/2019 **Shaheed Hospital Dalli Rajhara** Time: 12:45:25 [Logout](#)

PATIENT REGISTRATION OUTPATIENT OPD CONSULT INPATIENT ANC WARD MEDICINE STORE LAB BILLING X-Ray Patient Portal

XRAY ADMINISTRATION

| Add | View/Edit |
|---------------------------------------|---|
| Add Xray Name | View/Update Xray Name |
| Add Part Presentation | View/Update Part Presentation |

Add Part Presentation

| Xray Name | Part Presentation | Amount | Save |
|--------------------------------------|----------------------|----------------------|-------------------------------------|
| <input type="text" value="Abdomen"/> | <input type="text"/> | <input type="text"/> | <input type="button" value="Save"/> |

To make any changes for the same, click on “*View/Update Part Presentation*” and then made the required corrections and click on the *Update* button.

Date: 28/07/2019

Shaheed Hospital Dalli Rajhara

Time: 12:45:33Logout

PATIENT REGISTRATION

OUTPATIENT

OPD CONSULT

INPATIENT

ANC

WARD

MEDICINE STORE

LAB

BILLING

X-Ray

Patient Portal

XRAY ADMINISTRATION

Add

View/Edit

Add Xray Name

View/Update Xray Name

Add Part Presentation

View/Update Part Presentation

Update Part Presentation

| Xray Name | Part Presentation | Amount | Update |
|-----------------|-------------------|--------|--------|
| Orthopedics_U14 | Wrist AP&LAT U14 | 250 | Update |
| Orthopedics | WRIST AP&LAT | 250 | Update |
| Orthopedics_U14 | Thigh LAT U14 | 250 | Update |
| Orthopedics | THIGH LAT | 250 | Update |
| Orthopedics_U14 | Thigh AP&LAT U14 | 250 | Update |
| Orthopedics | THIGH AP&LAT | 250 | Update |
| Orthopedics_U14 | Thigh AP U14 | 250 | Update |

The End