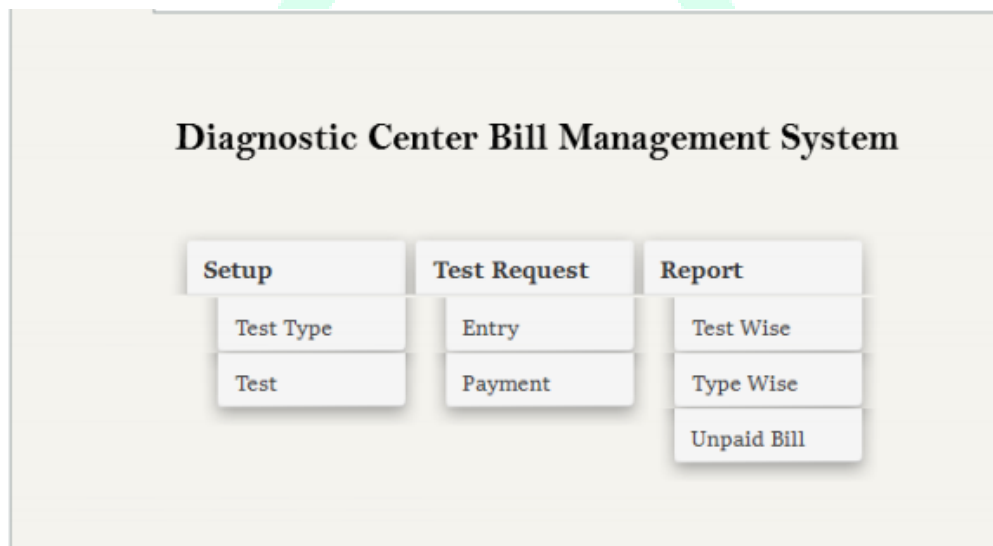


This web application will manage billing activities for a small diagnostic center. Generally, small

Diagnostic offers several types of tests like Complete blood count, Lipid profile, Urine C/S-200, X-Ray LS Spine, USG Lower abdomen etc. Since bill processing for these types of tests requires paper

Work and is very error prone, we are offering this application to process it automatically from their Side. Note that, you can't Change any specification described below and you have to use any design pattern like Repository, Onion Architecture, N-tier architecture.

Home



1. Test Type Setup

User will enter some basic tests' type (like Blood, Urine, ECG, X-Ray) using this UI. Type name will be unique. Type list will be ordered by Type Name.

Test Type Setup

Type Name

SL	Type Name
1	
2	
3	

2. Test Setup

User will enter some basic tests information (like whole abdomen, pregnancy profile, Urine C/S-200, X-Ray LS Spine) using this UI. Test name will be unique. Test list be ordered by Test name.

Test Setup

Test Name

Fee

BDT

Test Type

▼

Save

SL	Test Name	Fee	Type
1			
2			
3			

3. Test Request Entry

When a patient comes for some tests, user of the diagnostics will enter all tests information for this patient. When 'Add' button will be clicked, entered information will be displayed in grid. Finally, when user will click 'Save', all information will be saved in database and a PDF will be opened which contain unique bill number and print date.

Test Request Entry

Name Of the Patient

Date Of Birth

Mobile No

Select Test

FEE

ADD

SL	TEST	FEE
1		
2		
3		
4		

Total

SAVE

4. Payment

User of this UI will use it when patient comes to pay for the bill. User will enter Bill No or mobile number and click Search button, Total amount and due date against this bill no will be displayed. After that user will take amount from patient and click Pay button to update bill payment status.

Payment

Bill No

Or

Mobile No

Search

Amount

Due Date

Pay

5. Test Wise Report

User will select "From Date" and "To Date" and click show button, test name, total number of tests and total amount will be displayed. If any test has no test request for selected dates between, these will also be displayed with their number of test and total amount will be zero.

Test Wise Report

From Date

To Date

Show

SL	Test Name	Total Test	Total Amount

PDF

Total

6. Type wise report

User will select from and to date and click Show button, type name, total number of tests and total amount will be displayed. If any type has no requested test selected date between, these will also be displayed and their total number of test and amount will be zero.

Type Wise Report

From Date

To date

SL	Test Type Name	Total no Of Test	Total amount
1			
2			

Total

7. Unpaid bill report

All unpaid bill information will be displayed as following format.

Unpaid bill Report

From Date

To date

SL	Bill Number	Contact No	Patient Name	Bill Amount
1				
2				

Total

Some Optional Task

1. You can introduce, Login feature (just user id and password).
2. During database insert/update operations, you can save server date time and logged in user id every time with each row.
3. It will be preferable if you use React JS.

<-- END -->