Project One: Diagnostic Center Bill Management System

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. Following are the stories (with score) for the mentioned application.

SL #	Story Name	Score
1	Test Type Setup	3
2	Test Setup	3
3	Test Request Entry	8
4	Payment	4
5	Test Wise Report	4
6	Type Wise Report	4
7	Unpaid Bill Report	4
Total		**30**

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 [   ]

[Save]

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	

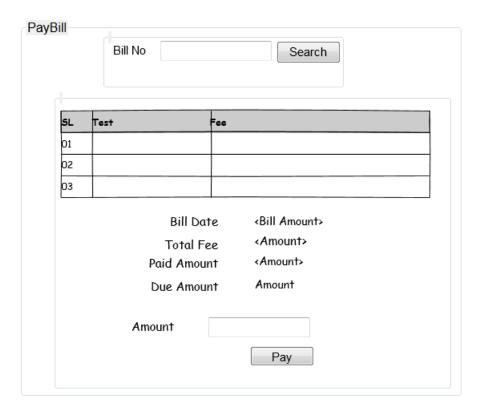| SL	Test Name	Fee	Type
1			
2			
3			

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

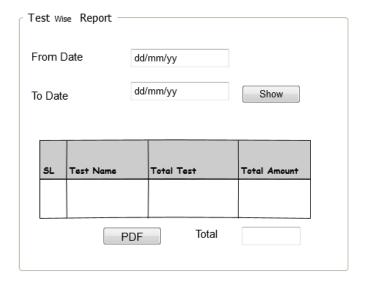| SL	TEST	FEE
1		
2		
3		
4		

Total

SAVE

4. Payment

User of this UI will use it when patient comes to pay for the bill. User will enter *Bill No* and click *Search* button, Test details against the bill no will be displayed, *Bill Date, Total amount, Paid Amount and Due Amount* against this bill no will be displayed. After that user will take amount from patient and click *Pay* button to update bill payment status.

Bill can be paid partially, for that instance, Paid Amount and Due Amount against that bill will be displayed. Payment Amount should not be entered more than due amount.

PayBill

Bill No [   ]   [Search]

SL	Test	Fee
01		
02		
03		

Bill Date   <Bill Amount>

Total Fee   <Amount>

Paid Amount   <Amount>

Due Amount   Amount

Amount [   ]

[Pay]

5. **Test wise report**

User will select *from* 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   dd/mm/yy

To Date   dd/mm/yy   Show

SL	Test Name	Total Test	Total Amount

PDF   Total

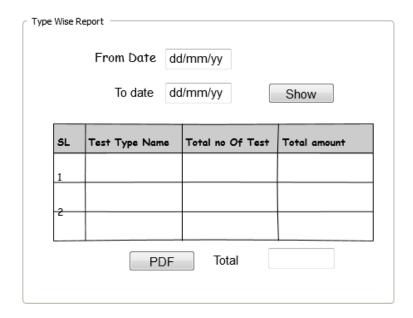## 6. Type wise report

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 dd/mm/yy

To date dd/mm/yy   [Show]

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

[PDF]   Total [   ]

7. Unpaid bill report

All unpaid bill information will be displayed as following format.

Unpaid bill Report

From Date dd/mm/yy

To date dd/mm/yy [Show]

SL	Bill Number	Contact No	Patient Name	Bill Amount
1				
2				

[PDF]   Total [   ]