Business Analytics for Diagnostic Centers

Users: manager, receptionist, accountant

AIM: Complete analysis of tests performed vs revenue generated by reference doctor and complete business analysis of the test center, best UI and UX implementation in the website

In receptionist dashboard – Collect all the information from the incoming patient

Number of logins = 2- regular receptionists, 1-temporary

Patient information:

Name

Sex

Age

Address

Bill number

Referral name (Doctor or Self)

Type of tests to be done (2- parts {main, subtest}

Amount (three parts Gross, discount, net)

Payment Mode

Only two functions are allowed for this role daily

1. Bill generation
2. History of the bills generated
3. Can only edit the bill within 12 hours of bill generated

Constraints: here if the initial bill generated needs to be changed then they must go to history and should mention the reason for changes in the bill and should generate again on the same bill number

The final bill will be printed on the predefined format for the bill on the a5 size

Manager Dashboard – Complete analysis of the center

Number of logins-1

Summary dashboards for the total number test done

Referral statistics by option wise

Multiple filter types

1. Filter by tests
2. Filter by referrals (referred by doctor or self or others)
3. Filter by doctor name

Complete analysis of types of tests given by the referrals

Revenue and profit share analysis by referral and test wise

Also there should be the complete statistics of the reference doctor discounted bills vs non discounted bills

Follow-ups from the accountant

Reviewing the account copies, bills paid, pending and verification

Will get the chance to edit the re generated bill by reviewing the bill and can only cancel the old bill

Adds new tests and techniques and have access to edit the test types and prices of the tests and also the report format for the test

Add new referral types and doctors names and also adds the percentage cut and this displays in the accountant

Constraint: if during the bill generation there exists a discount other than 0 then that bill should not be counted for the percentage cut and this should be in the count for the statistics

Accountant Dashboard – summary of bills and revenue by categories

Number of logins=1

Updating bills payment status for each

Uploading proofs and cross verification from the manager

Here the accountant will get the payable amount for the doctors and uploads the bills paid

And manual enters the expense type, amount, status of bill and uploads the completed status and uploads the paid proof for the bills

Here he will get the total amount to be paid for the doctor based on the percentage cut given by the admin for a doctor and for a particular test

Writer – simple page but most needed function

Unique login

Gets all the tests generated from reception

Here when the writer selects an test from the patients’ bill then he should get all the details of the patients needed to be filled in that predefined test report format and after filling that report can be able to print it