



Automedical Billing System

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Outline

Automedical
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- 1 The Project “Automedical Billing System” is a software to automate the process of billing in “Medical store”.
- 2 Main idea is to implement a Automedical Billing software application for medical shops and hospital for maintaining easy billing system.
- 3 Due to this the Billing can be done easily without any mistakes in the calculation and simultaneously it reduces the manual work.



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History

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In the History of Automedical billing system:

- It is difficult for Pharmacist to sort particular medicines when there is huge stock.
- It also difficult to stop pilferage of the medicines.
- Even manual billing makes the task more difficult.
- The major problem Pharmacists faces is expiry details of stocks so that get claim on those stocks as every medicine has its own replace and claim period.
- More time Required for manual working.



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Architectture

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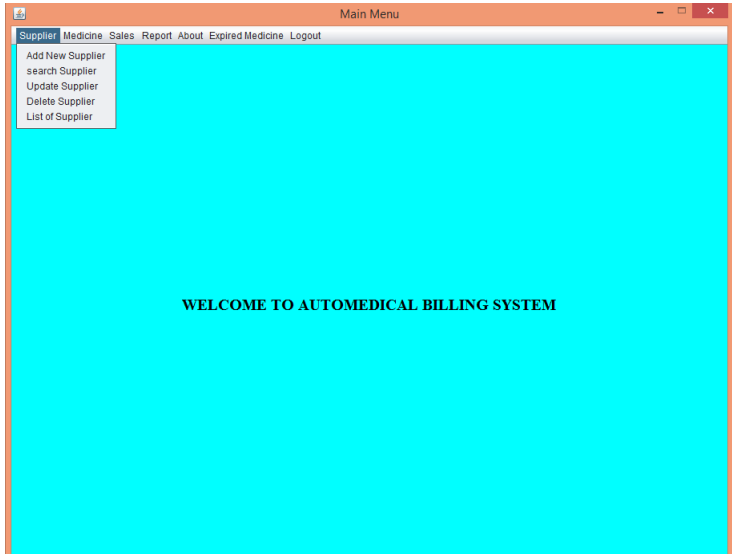
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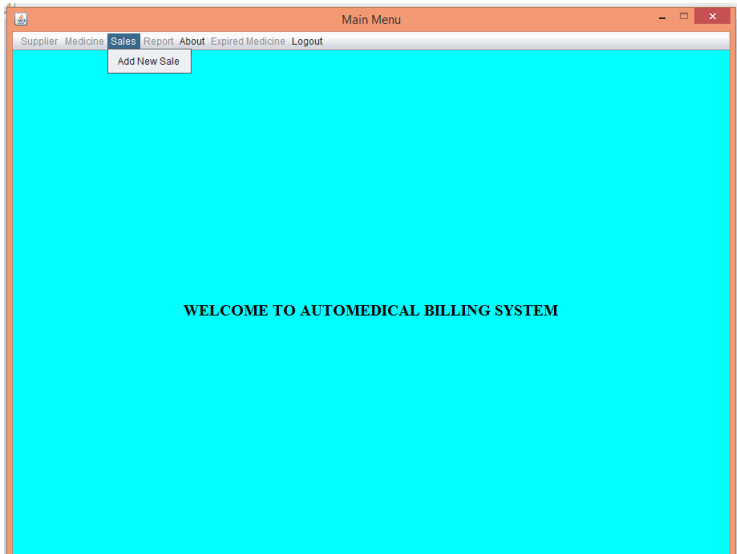
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Architechture

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Sales

New Sale Bill

Sale No: 13

Product:

Quantity:

Total Amt.:

Total Amt.:

Name	No	Qty	Price	Total
Ayur sunscrn	237049	10	89.0	890.0
revital	237056	30	56.0	1680.0
Becosules	180742	5	8.0	40.0
supradyn	39209	2	12.0	24.0



Architecture

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Invoice

Sale No: 13

Sale Date: 2016-04-03

Name	No	Qty	Price	Total
Ayur sunscrn	237049	10	89	890
revital	237056	30	56	1680
Becosules	180742	5	8	40
supradyn	39209	2	12	24
limcee	83025	10	23	230
limcee	83025	2	23	46
limcee	83025	2	23	46
Refer-Sp	235350	67	6	402

Total Qty. 128

PRINT

Total Amt. 3358



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Working

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- Login as a admin or staff.
- Admin can access and modify different modules such as suppliers and medicines.
- staff can access only billing part.



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- Invoices are easily generated.
- Easiness in modification of data.
- User friendly.
- Performance monitoring capabilities.
- No or very few paperwork.



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Comparison

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Parameter	Manual work	Automedical Billing System
Effort	More effort	Reduce effort
Accuracy	Less as compared to automedical billing system	More accuracy
Update	Difficult	Easy
Time	More time is required	Less
Active	Less	More
Mistakes	More	Less

Figure: comparison between Manual work and Automedical billing system.



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Advantages

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- Reliable and Accurate.
- Mature and Proven Technology.
- Affordable.
- Easy to Use.



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Disadvantages

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- Some time system may fail when there is problem occurred in hardware devices.
- When the computer system get hanged then the software terminates.



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Application

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- Medical Billing.
- Hospitals Billing.



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- 1 It reduces manual work.
- 2 By this software huge ammount of data can be stored,this software is efficient for the mathematical calculation like billing of the tablets.
- 3 Due to this software. searching,updating,deleting of the medicine as well as supplier is done easily.This software is handled by admin as well as the medical staff who works in medical.
- 4 therefore Automedical Billing Software system is user friendly.



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Future scope

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- 1 Medical Billing and coding should be even more in demand.
- 2 There is a shortage of medical coders, at least in part to the ICD-10 classification transition. (International statistical classification of diseases- it contains codes for diseases, signs, symptoms).
- 3 A new coding system, ICD-10, will be required.
- 4 It is more complex than the current system.
- 5 Some coders have chosen to retire out of interest in learning it.
- 6 This should increase the demand for coders and coding services.



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