Patient Billing Software

A software based on JAVA (Swing, AWT,etc.) and MySQL

A Project By:

Manvendra Dattatrey(IIT20160504)

Reena Yadav(IIT2016089)

Anushree Goswami(LIT2016005)

Anjali Pandey(LIT2016033)

Shubhi Agarwal(LIT2016036)

# INTRODUCTION

The software is built on JAVA swing and AWT tools, and can be used to store patient details, and calculate bill according to the number of days the patients the patient admitted in General or ICU ward, and including other charges.

The software program uses JAVA to provide Graphical interface and background data processing, while MySQL is used to store data in database.

# ELEMENTS USED

JAVA Swing, AWT, MySQL, etc.

# BACKGROUND FUNCTIONALITY

JAVA Swing and AWT tools are used to make GUI. Various text fields are used to get input from interface and JAVA OOP is used to process the data and store it in database. The required information is fetched from database and processed when needed.

The processing of data mainly occurred at Button Action Events, and the data needed before processing is fetched either in constructors or properly defined functions in respective classes. The program flexibility is kept in mind while developing the software.

The basic MySQL commands are used to create database, and to create and maintain tables. The JDBC driver is used to link JAVA with MySQL.

The following images describe various parts of program:

# LIMITATIONS

The software has its limits until the development phase that it can only be run on IDE, and its user must initialize MySQL databases, or copy the dump to correct place. Since the software is Billing Software, limited information about patients is stored in database, and therefore, this program should not be used as a substitute for Hospital Management System.