BIT BY BIT HOSPITAL

HOSPITAL MANGEMENT SOFTWARE

OUR TEAM

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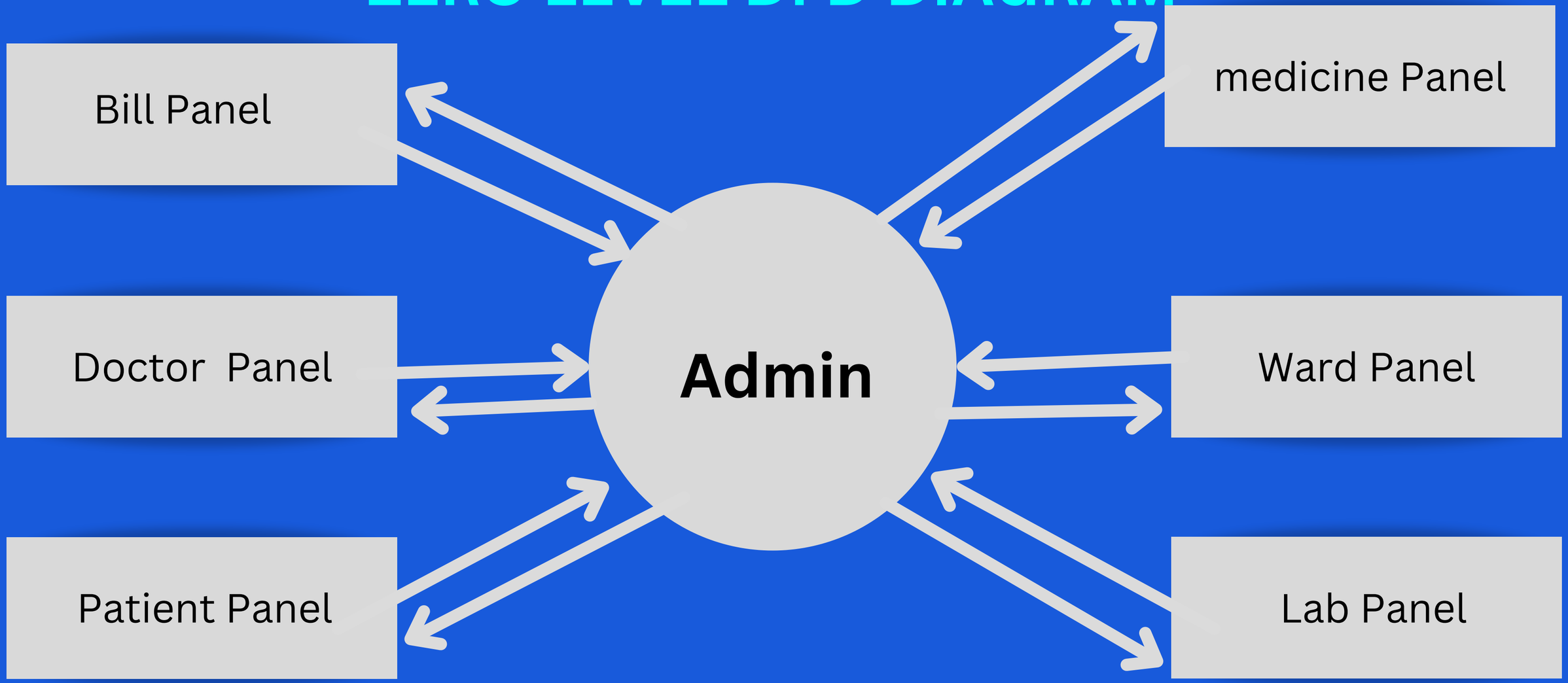
PROJECT INTRODUCTION

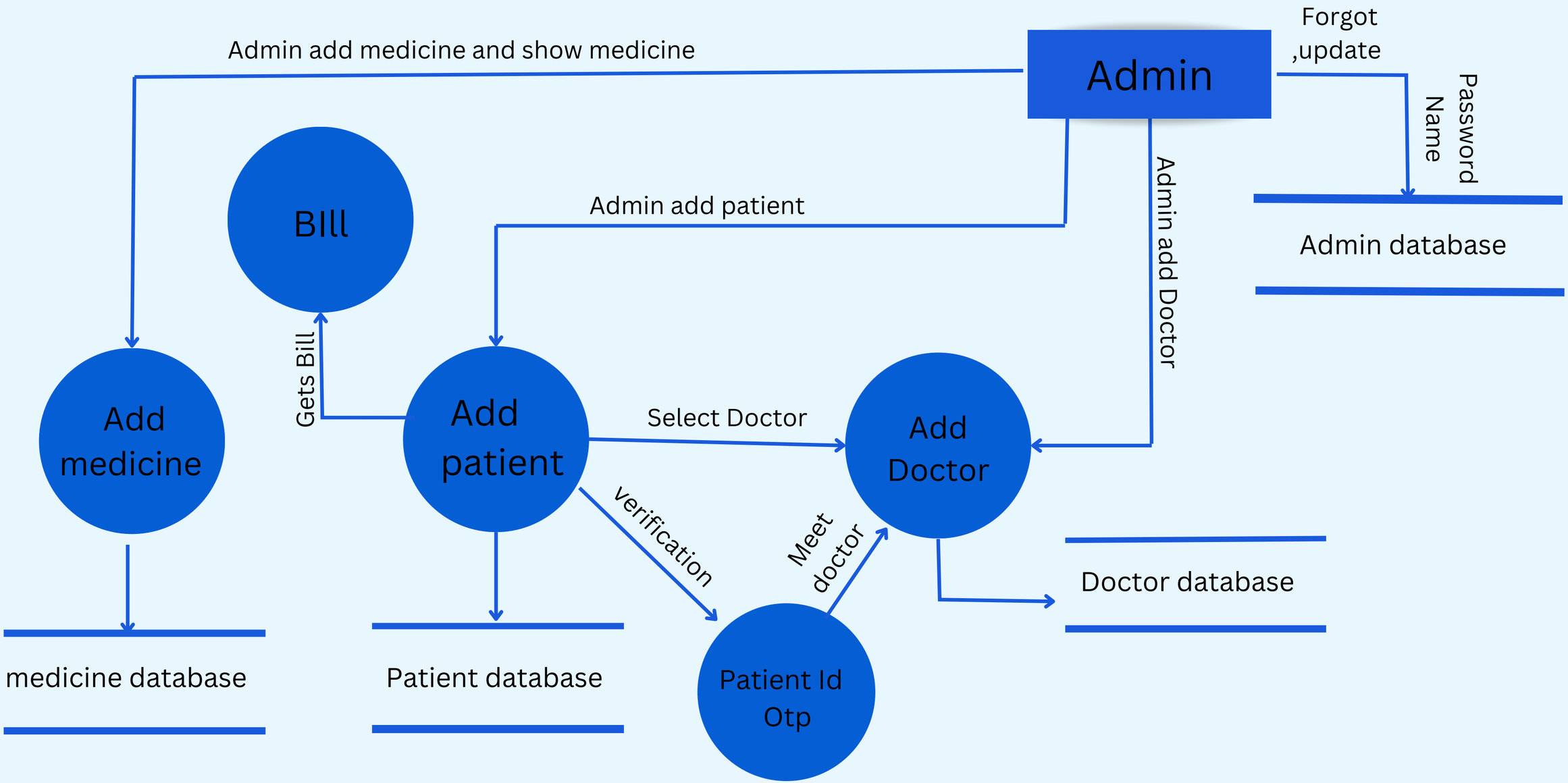
Our project is on hospital management .
In this project we used technologies like java , swing and my sql .
In this project we have try to provide every functionality that a hospital management software needs.
we have tried our best to provide best user experience and easy to use interface.

TECHNOLOGIES USED

ZERO LEVEL DFD DIAGRAM



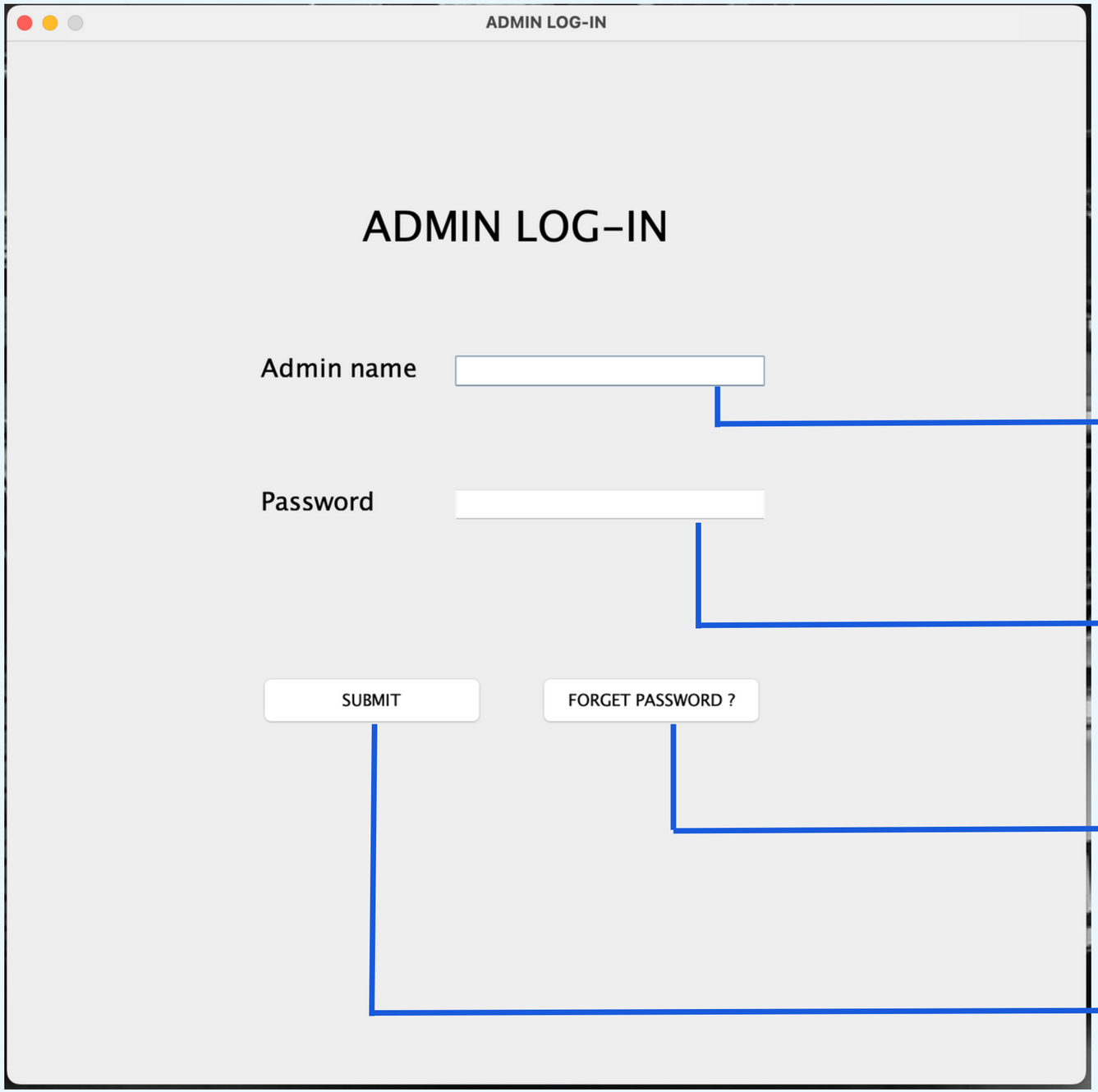
1 LEVEL DFD DIAGRAM



Admin Module

Functionality

- Admin Can log in.
- Program starts from this module.
- Provides accessibility to the user.
- This module accessed only by registered admin.
- Admin can change password if he forgot the password.



Accepts Admin Name

Accept Admin Password

Admin can reset password if he forgots

Accept Data if User name and password is correct

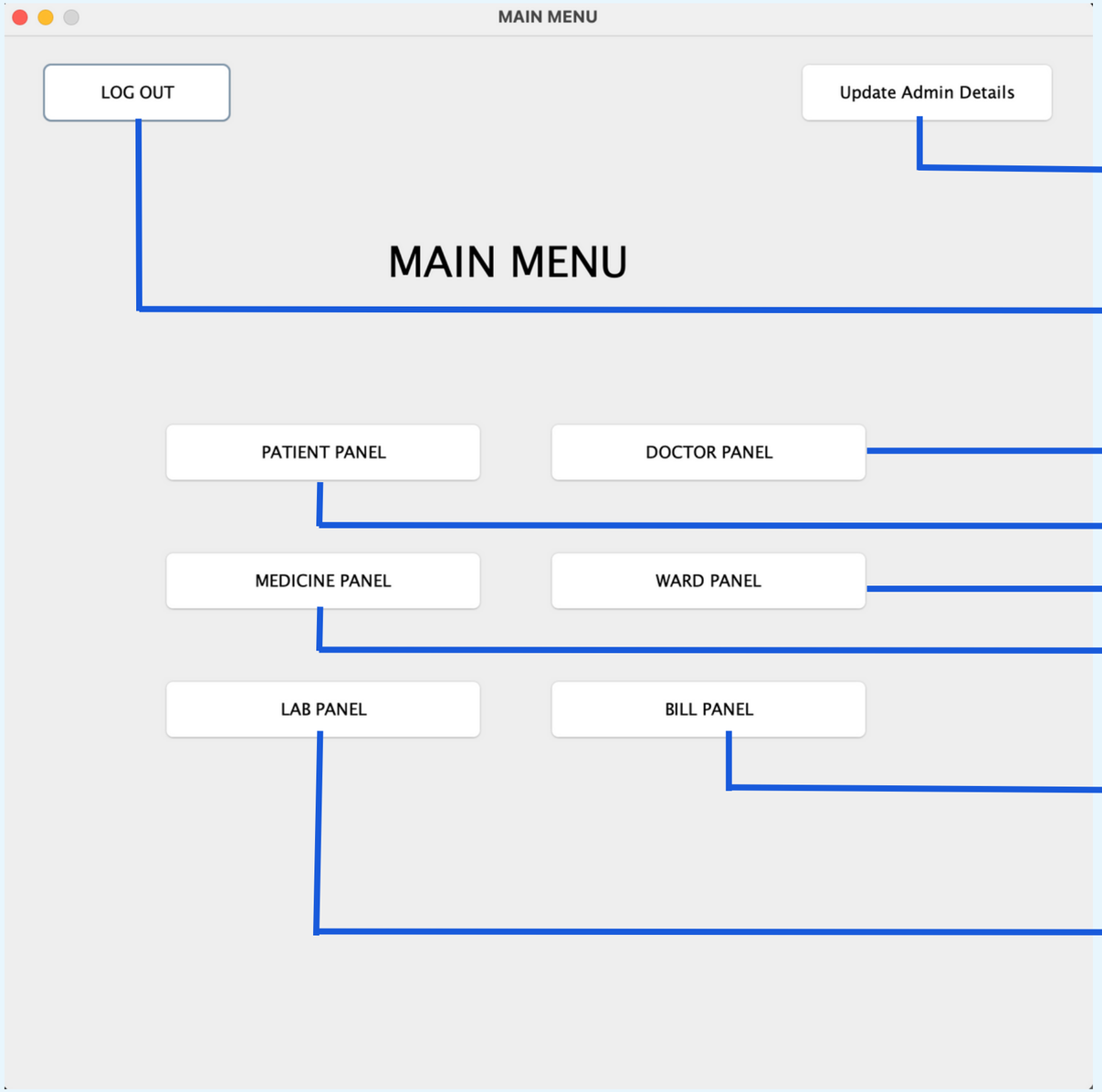
Main Menu

Functionality

- Admin can go to different panels like Patient,Doctor,Medicine,etc.
- He can update his details by click on update details patient.
- He can generate bill of patient.
- He log out from application by clicking on log out button.

FUNCTIONALITY OF ADMIN

- Handle doctor module .
- Handle patient module.
- Handle medicine module.
- Handle lab module.
- Handle ward module.
- Handle all the functionality related to hospital.



Admin can update his/her password and name

Admin can log out from application

Show Doctor menu

Show Patient menu

Show Ward menu

Show Medicine menu

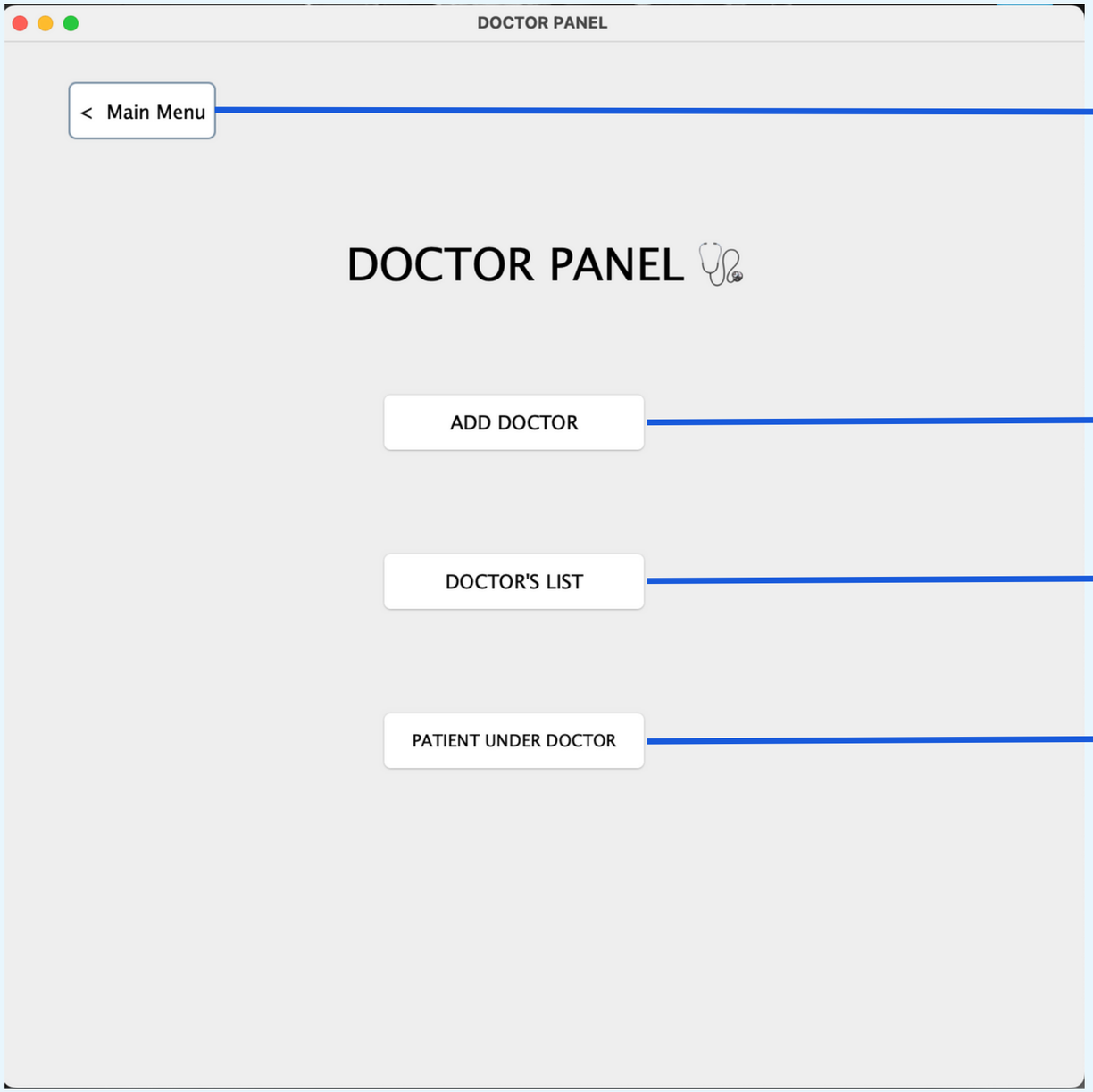
Bill menu

Lab Menu

Doctor Panel

Functionality

- Adds new Doctor.
- Show available Doctors and their details.
- Shows Patients under a paticular doctor.
- Shows doctors according to filters.
- Deletes doctors by selecting row.



Jump to Main menu

Jump to doctor details frame for addding new doctor

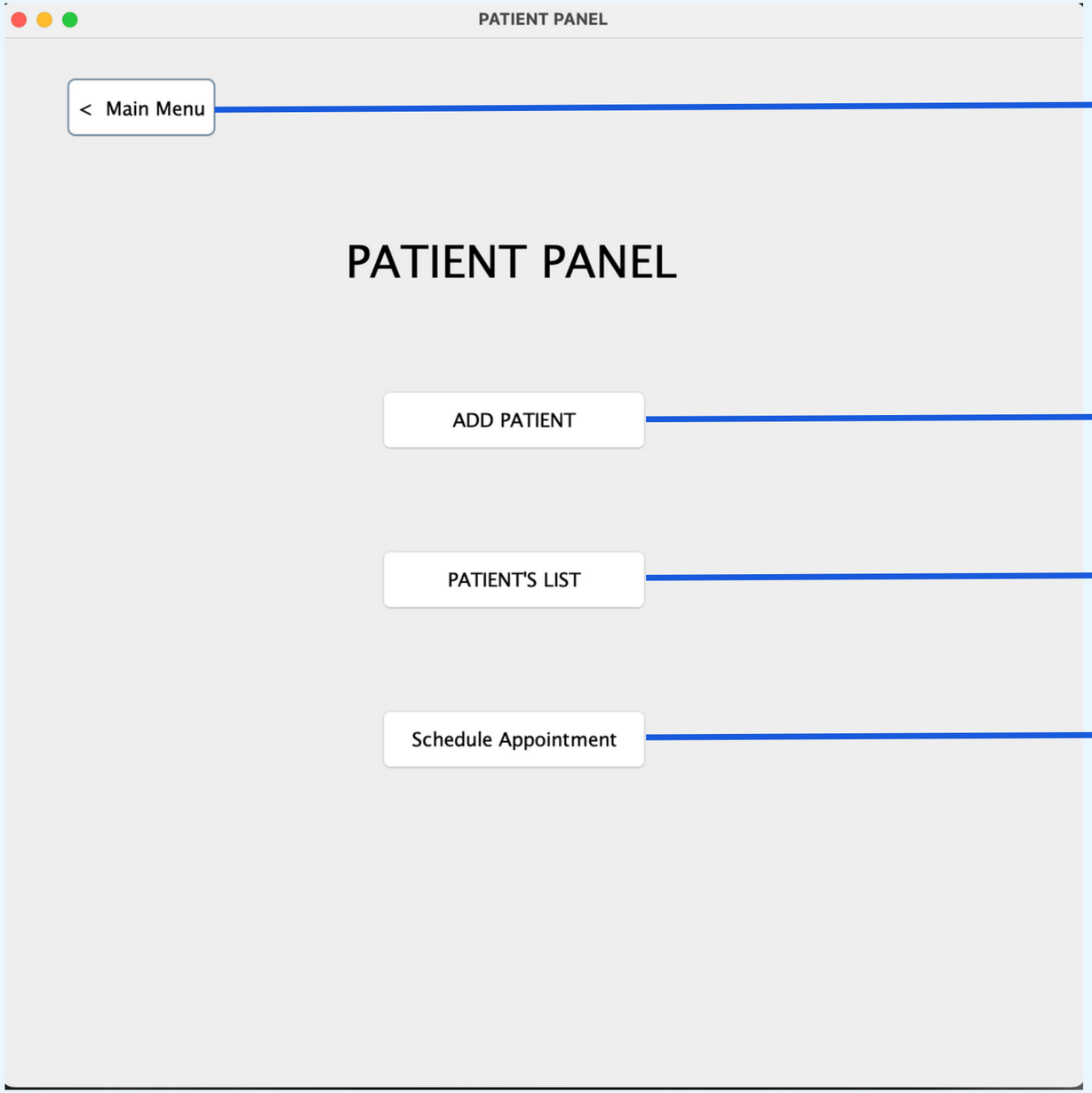
Jump to doctor details for show avaliable doctor details

Show patients of patricular doctor

Patient Panel

Functionality

- This module adds new patient.
- Registers patient by sending OTP,Patient Id, appointment date to his/her email ID.
- Shows List of patients.
- Schedules appointment of patient with doctor
- Shows patients according to applied filters.
- Deletes patient by selecting row.



Jumps to main menu

Jumps to patient information frame to add new patient.

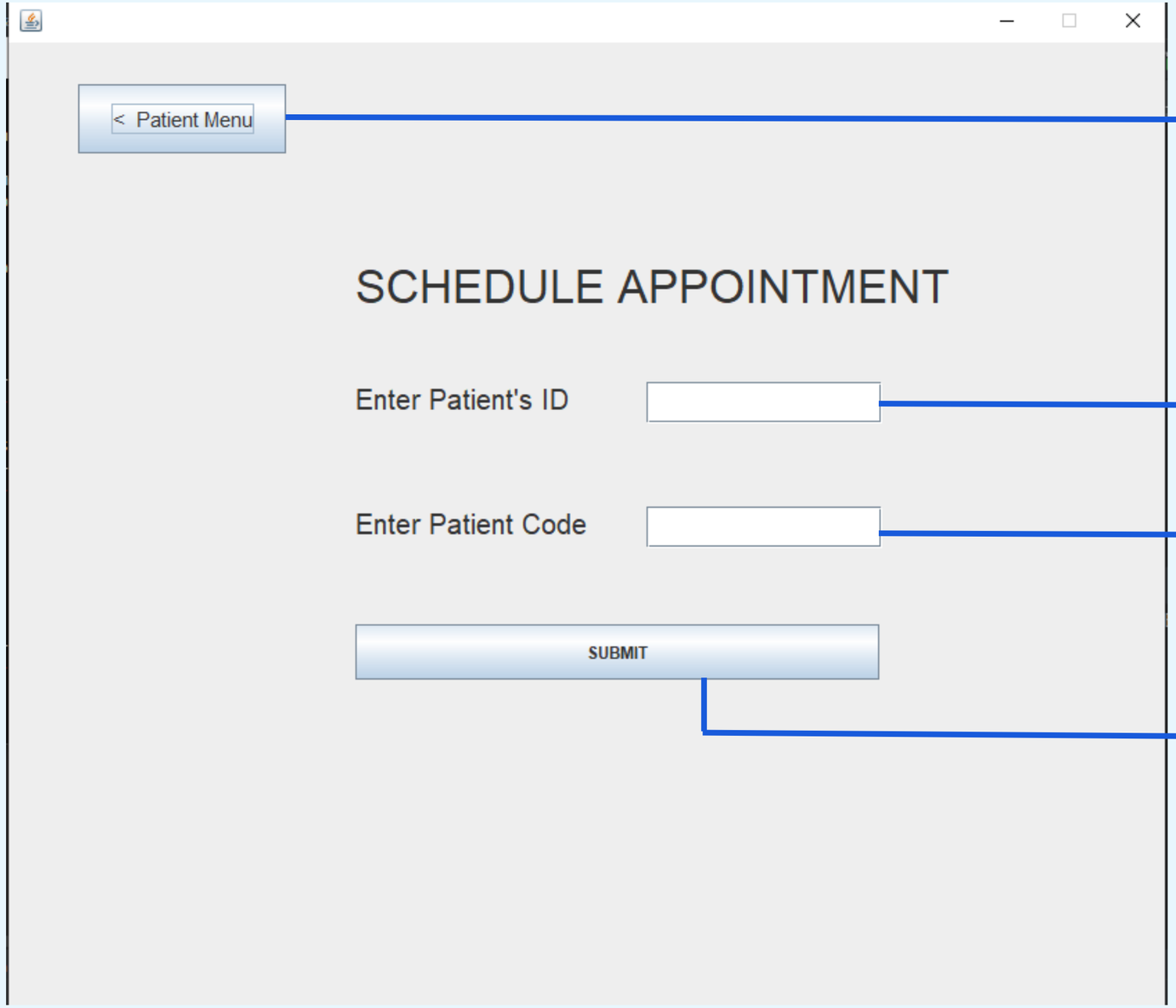
Jumps to patient list frame to show registered patients

Jumps to schedule appointment frame to schedule appointment.

Schedule Panel

Functionality

- Accepts patient id and patient code.
- If the patient fills correct patient id and code he/she will be sent to the doctors room which the patient has selected.



Jumps to patient menu

Accepts registered patients details

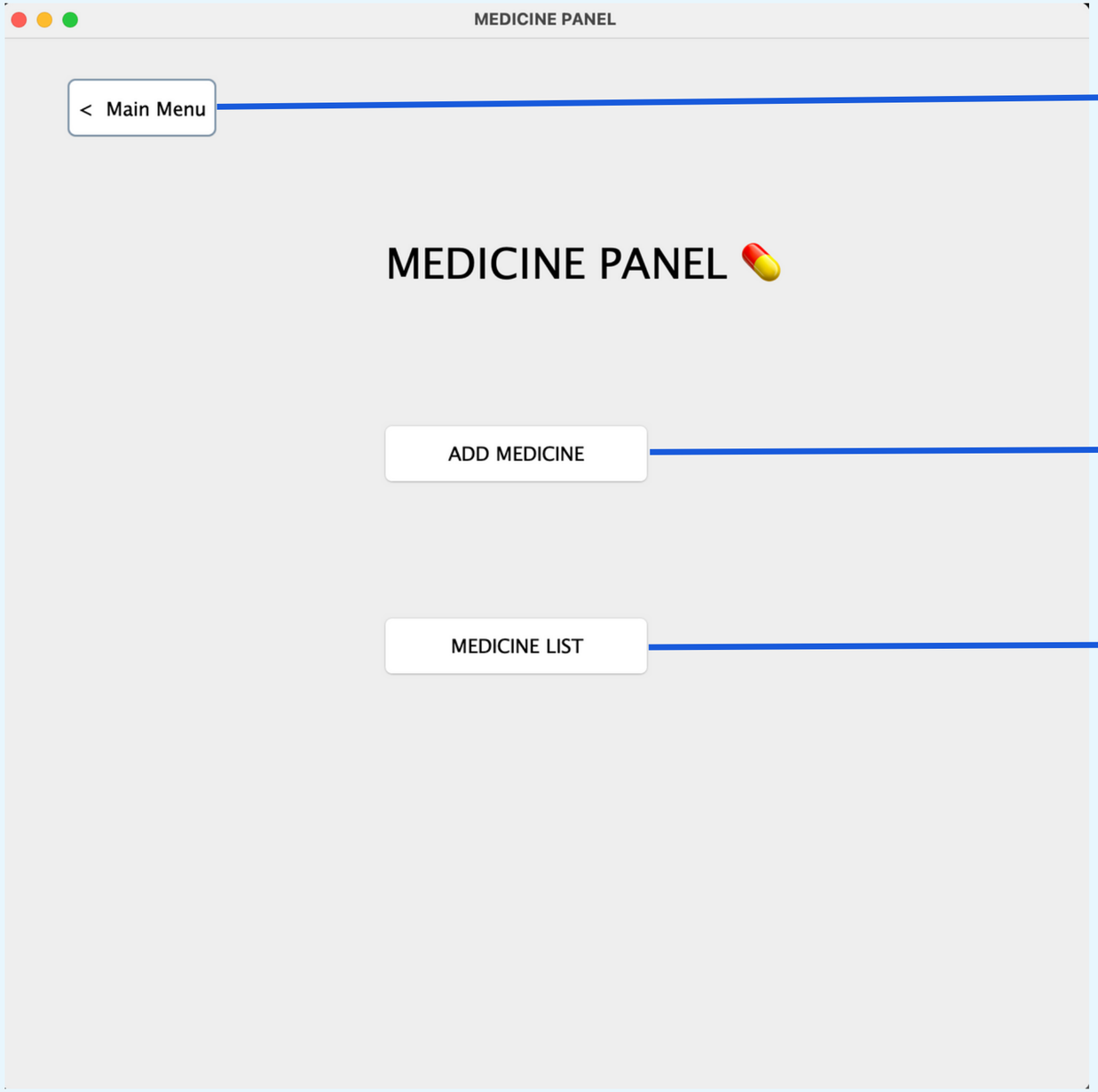
Accepts registered patient code which is sent on patients email and varefies it

Verifiles the details of patient and schedules appointment if the details are valid

Medicine Panel

Functionality

- Adds new Medicines.
- Shows Medicines List according to applied filter.
- Deletes medicines by seleting specific row.



Jumps to main menu

Jump to medicine details frame for addding new medicine

Jump to medicine details for show avaliable medicine details

Ward Panel

Functionality

- Show Types of ward and their info.

  Information like :-
  1.Ward ID.
  2.Ward name.
  3.Total bed.
  4.Number of nurse.

Ward Information

< Main Menu

Ward_Id	Ward_Name	Total_Bed	Nurse	Bed_Price
1	Delux	10	20	15000.0
2	Emerfancy	50	8	10000.0
3	Nursary	100	6	8000.0
4	General Ward	130	6	6500.0
5	Intensive Care Unit	5	10	18500.0

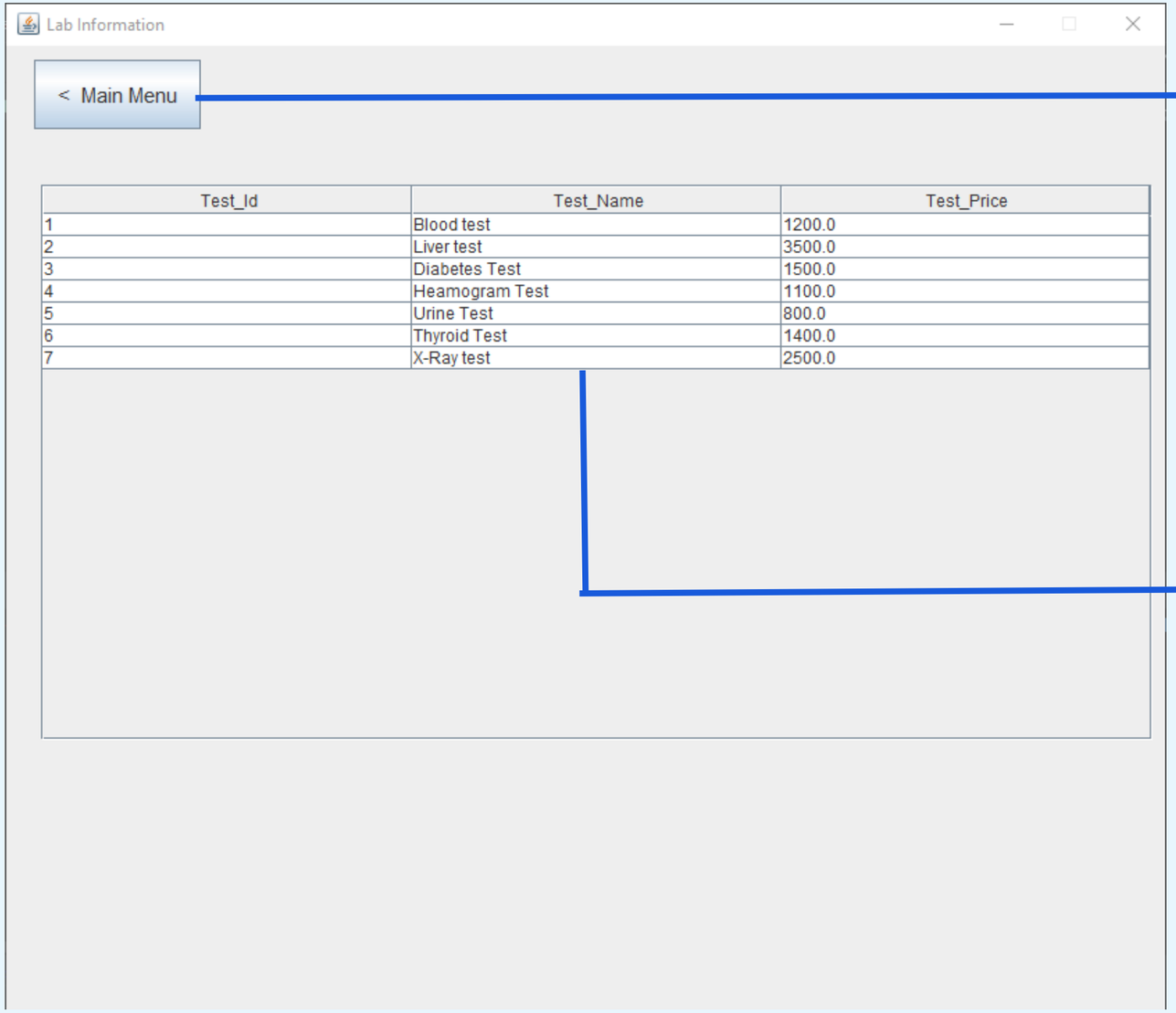
Jump to mein menu

Table showing ward details

Lab Panel

Functionality

- Shows available test facilities.
- Shows test number.
- Shows test name.
- Shows test price.



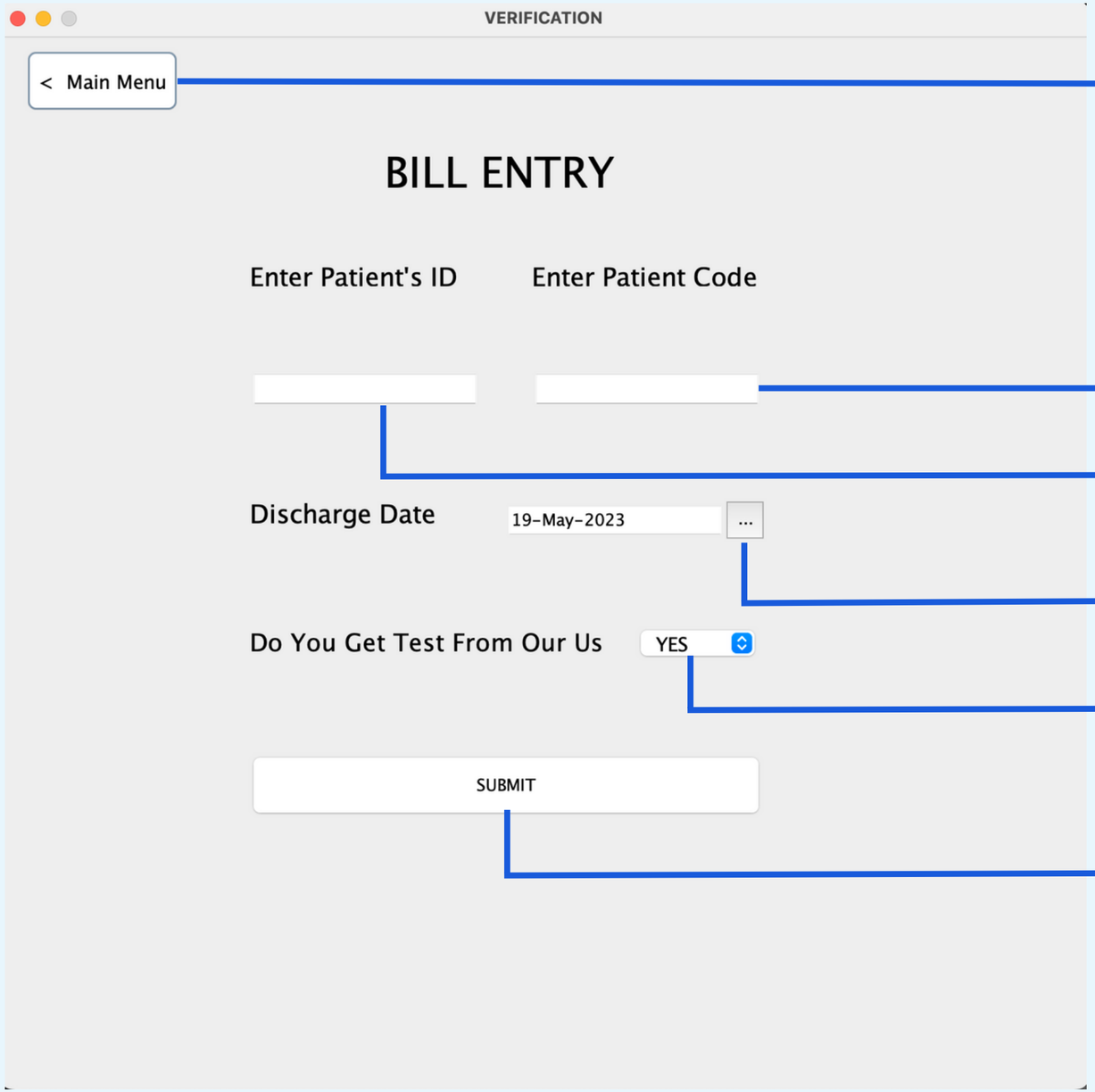
Jumps to main menu

Table showing Lab details

Bill Panel

Functionality

- Prints bill for the patient according to patients ID.
- Verifies patient by his/her code sent on his/her unique mail id.
- Calculates all charges including Doctor fees,medicine charges,test charges no of admit days and bed charges .
- Taking discharge date,and Deactivates the patient



Jumps to main menu

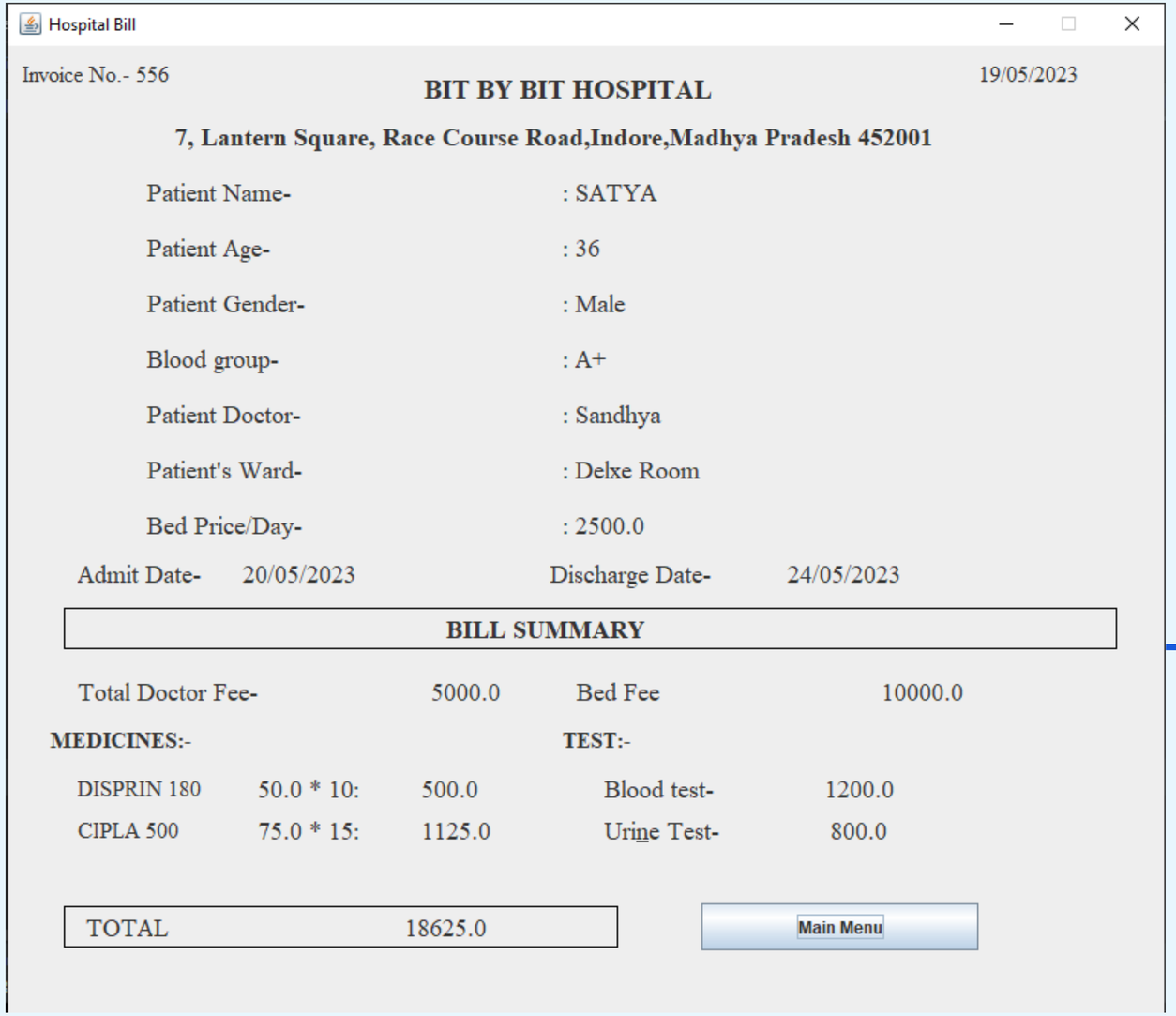
Accepts patients code sent on mail during the registration

Accepts patients id sent on email.

Accepts valid Discharge date .

Asks if the patient has got test from hospital or not.

Generates bill if the patient fill correct details.



Structure of Bill

Presented By ↓

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