4.1 SCREENSHOTS AND DESCRIPTIONS

4.1.1 FORM NO 1- HOME PAGE STAFF

DESCRIPTION:

The home screen of the staff uses is the main screen form where the staff services the patient form this screen can be reached by the staff after login into the hospital management tool and filling the required credentials. Then after login the staff can change the password for the security and the projection purposes

The feature of the home screen included services to the patient e.g.

- Adding the vacant rooms in the hospital
- Provides the services like general consultancy, surgery and required testing and all.
- Admitting the patient into the room and provided services
- Discharging the patient by providing good treatment
- Maintaining the billing of the hospital



4.1.1 FORM NO 2- HOME PAGE

DESCRIPTION:

The home page of the hospital contains the patient block and the services blocks.

The patient block is used for the registration of the patient and the rooms and services blocks provides the services offered by the hospital



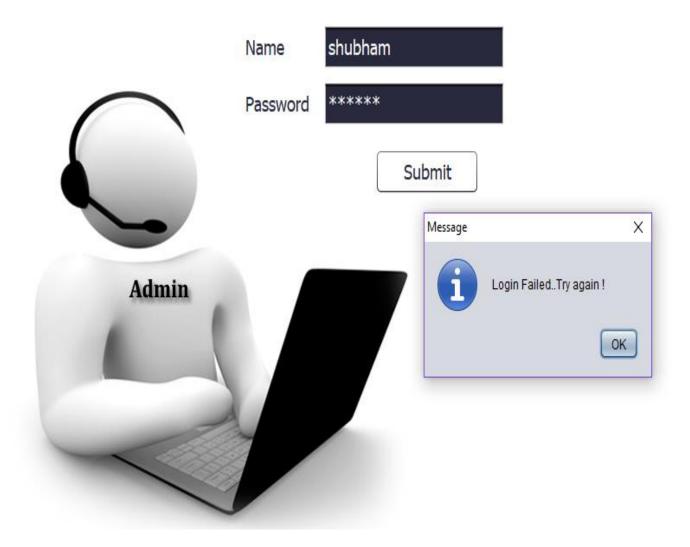
FORM NO 3- ADMIN LOGIN PAGE



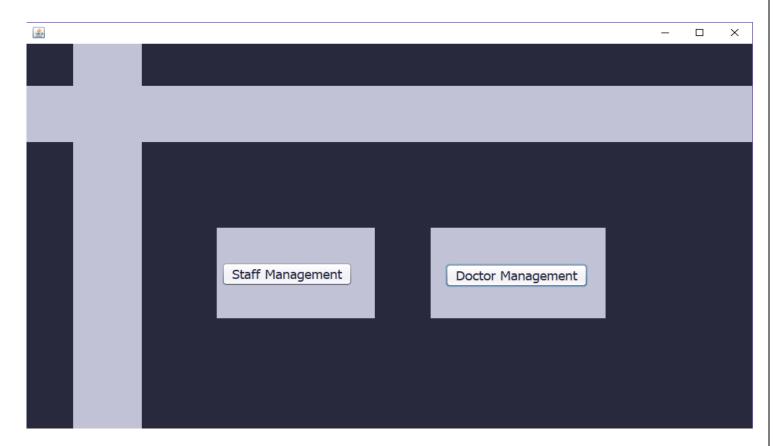
DESCRIPTION:

The Admin login page contain two fields one for the username and the other for the password when the admin fills these entries then he can enter into the form from where he can add the Staff members and doctors to provide best services

In case when the login will fail then the pop up dialog box will appear on the screen as shown below.

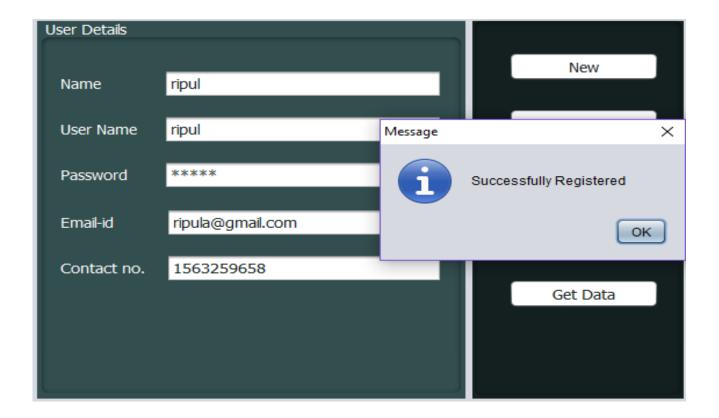


FORM NO 4- ADMINSTRATION OR ADMIN HOME



- The Staff management portal can be used to add the staff members And updating their information and Delete their information
- The Doctor Management is used to add the new doctors into the hospital and update the information of the already present doctors and delete the information of the doctor accordingly

FORM NO 5- STAFF MANAGEMENT



DESCRIPTION:

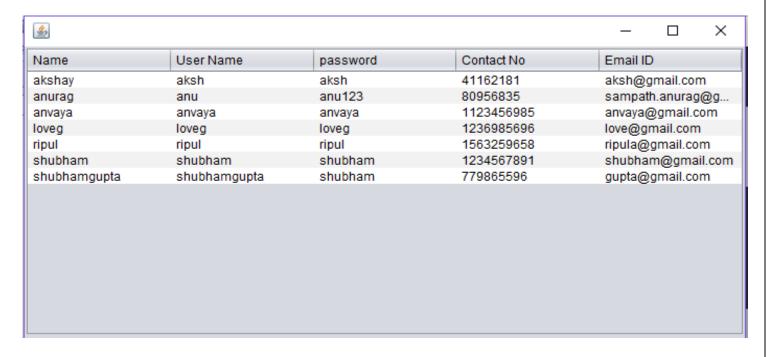
From the staff management portal the Admin can add the new staff members into the hospital

We can too update the information of the already existing patient and delete the record by using the proper option form the side bar

• In case when the username is already exists then it shows the pop up message

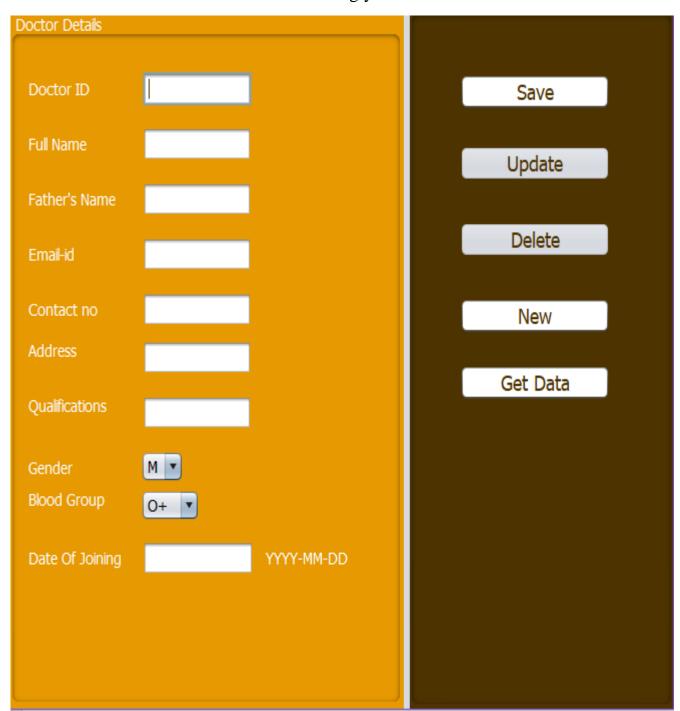


• In case when the Admin want to see the list of the user then he click on the getdata option and form their he can too edit the information of the user as well

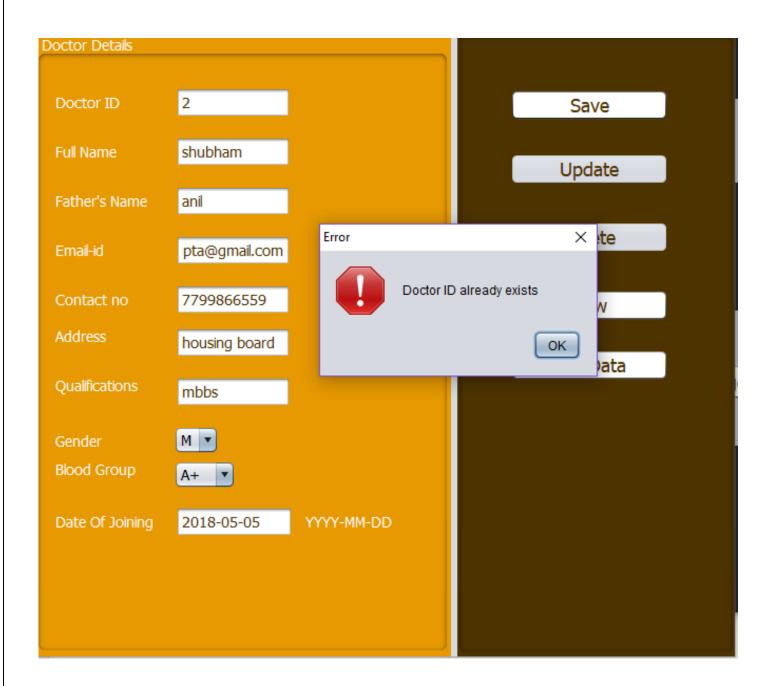


FORM NO 6- DOCTOR MANAGEMENT

- From the Doctor Management Admin can add the new doctors into the hospital for the services
- Admin fills the entries or details into the proper place as specified and then it will be store into the data base accordingly



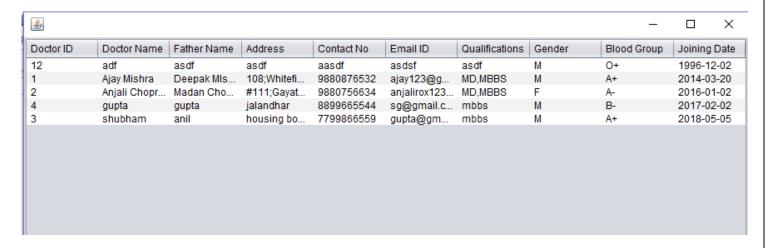
• When we give the same id to the doctor again then it shows the pop up message



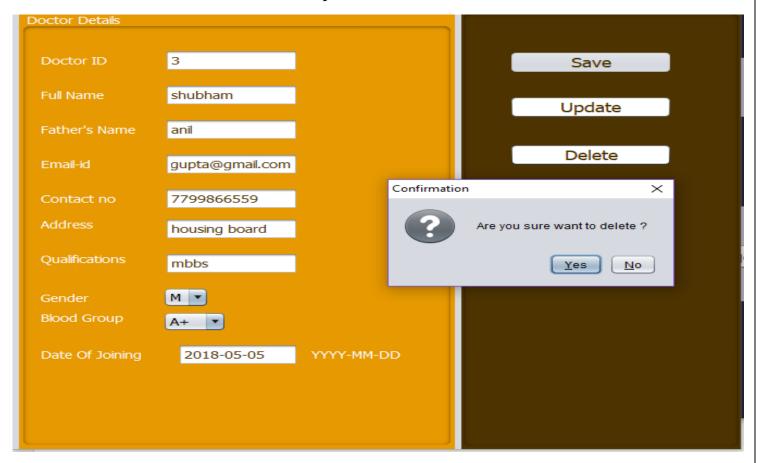
 When The data was successfully saved in also it show the pop up message of confirmation



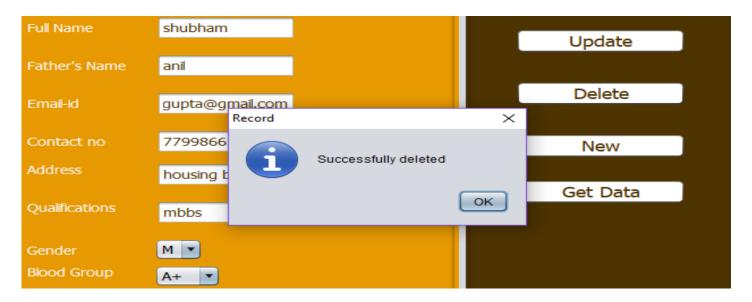
• To delete the data just select the get data option then it will show The list of all the data or doctors available and after selection it will automatically filled into the form.



• When we click on the delete option then it shows the form



• Then it asks for the confirmation that are you sure want to delete the data of the doctor.



FORM NO 6- USER (STAFF) LOGIN

DESCRIPTION:

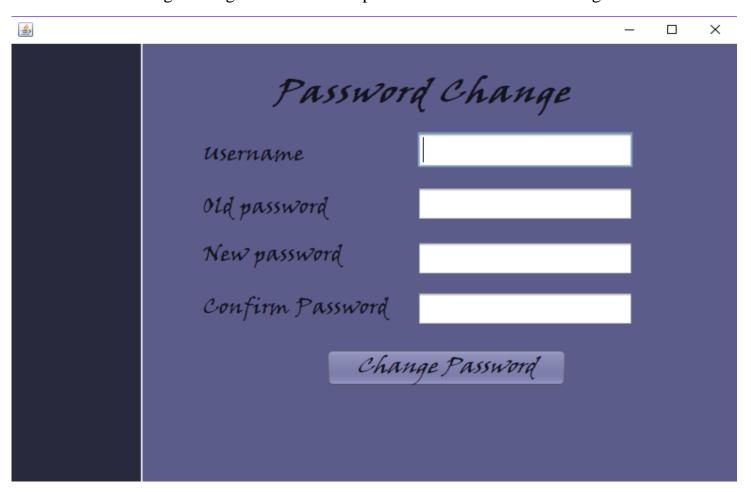
• Form the user login portal the user can login into the system then and then do the required tasks for the proper functioning of the hospital



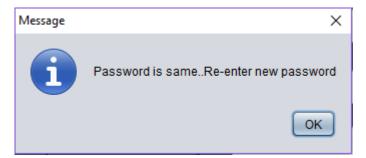
FORM NO 7 – CHANGE PASSWORD FOR THE USER

DESCRIPTION:

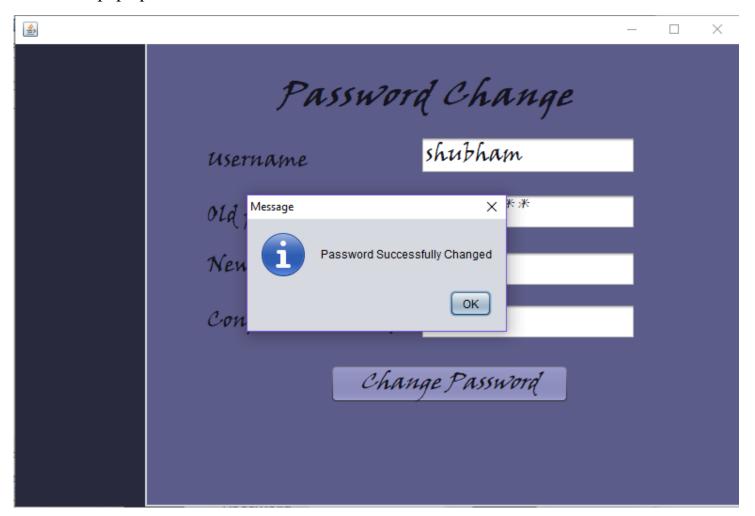
• The user can change the password by click on the change the password button and filling the original and the new password that we want to change.



• In case the new password is same as that of the original password a pop up dialog box will appear like



 When the password changed successfully then the successful message will pop up



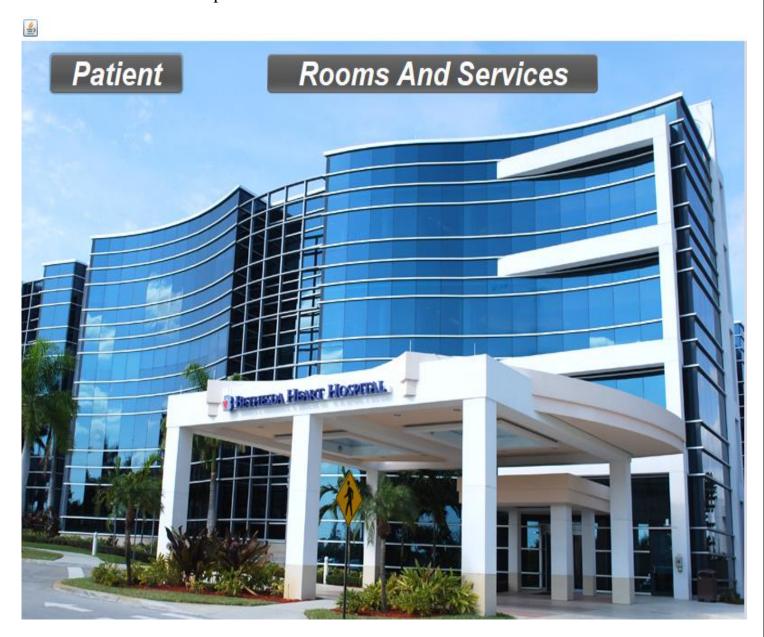
• The database of the user is changed successfully

user_name	password	
aksh	akash	
anu	anu123	
anvaya	anvaya1	
loveg	loveg	
ripul	ripul	
shubham	gupta	

FORM NO 8 – THE HOME PAGE

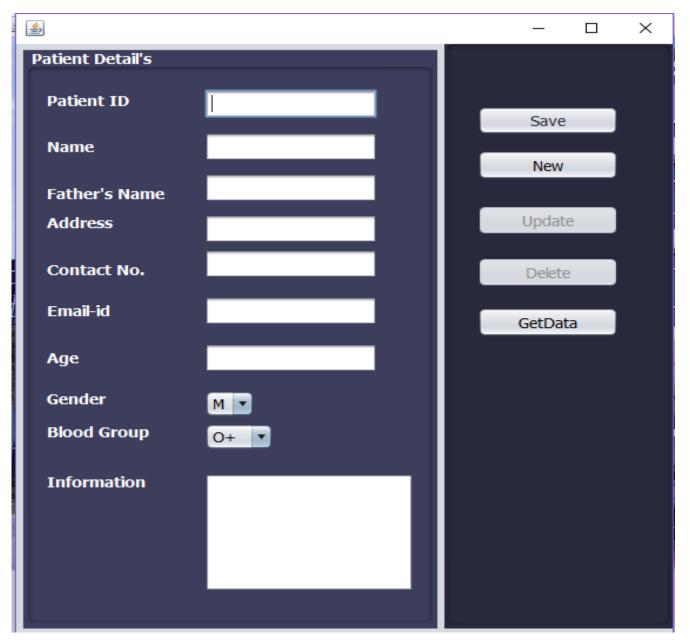
DESCRIPTION:

• This is the main home page which is reached then the user enter the correct username and password.

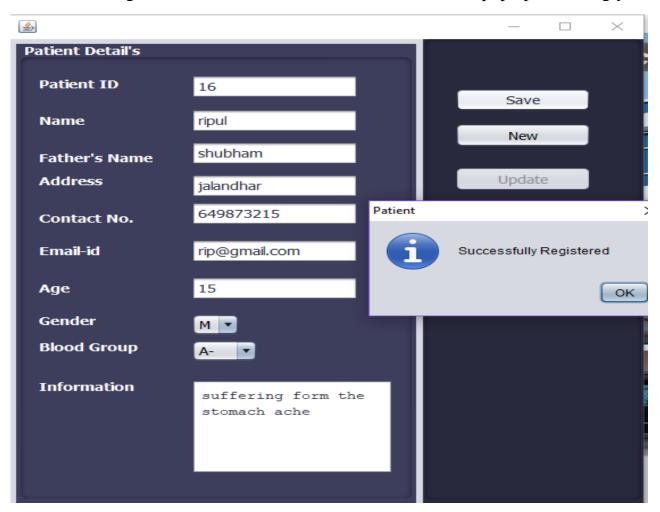


FORM NO 9 – PATIENT ENTRY FORM

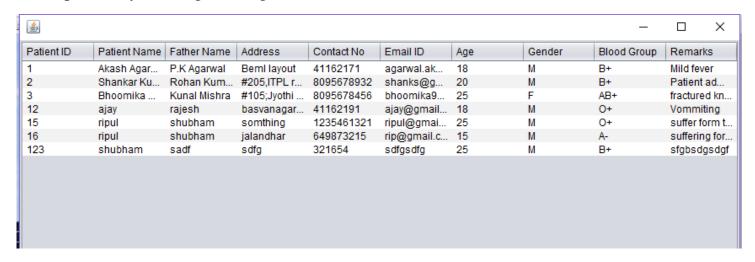
- In this form the staff can enter the information of the patient who come to the hospital for the treatment
- After filling the information into the form the data is successfully store into the database
- And the unique id is given to the patient for the further processing



• When the registration is successful then the confirmation is pop up accordingly.



• From here the staff can update the information and also see the database of the patient by clicking on the getdata tab.



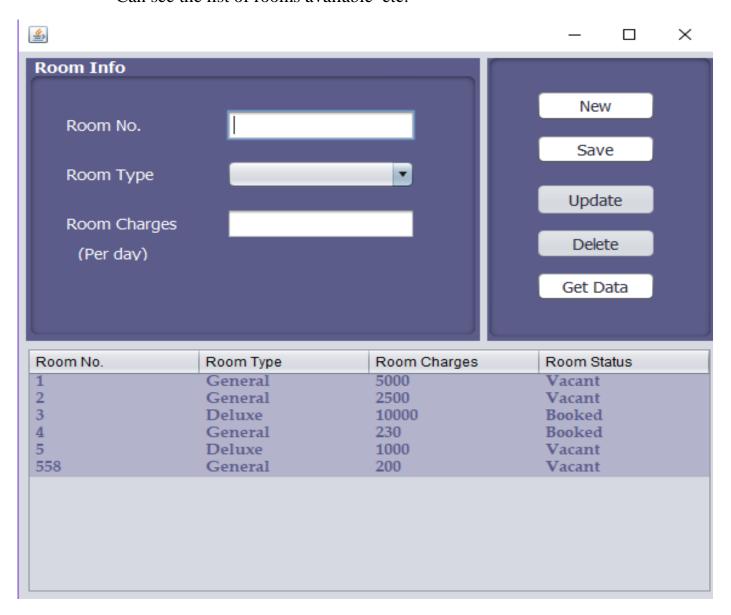
FORM NO 10 – ROOMS AND SERVICES

- This is the main functioning for the user or staff member
- From here the staff can add the new room available.
- Provides the services indoor or the outdoor services.
- In the outdoor services the patient comes only for the doctor prescription and consultancy
- In the indoor services the patient is already admitted into the hospital and now all different services is provided to it accordingly to the requirement.

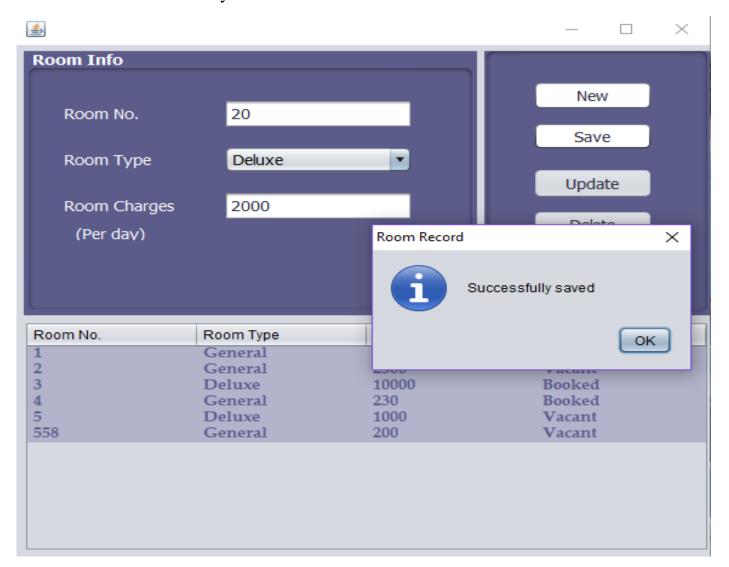


FORM NO 11 – ADD ROOMS

- From this form the staff can add the new rooms to the hospital.
- Update the information of the rooms like charges and type of the rooms
- Can see the list of rooms available etc.



• After successfully entering the information the pop up will appear for the successful entry of the new rooms into the database.



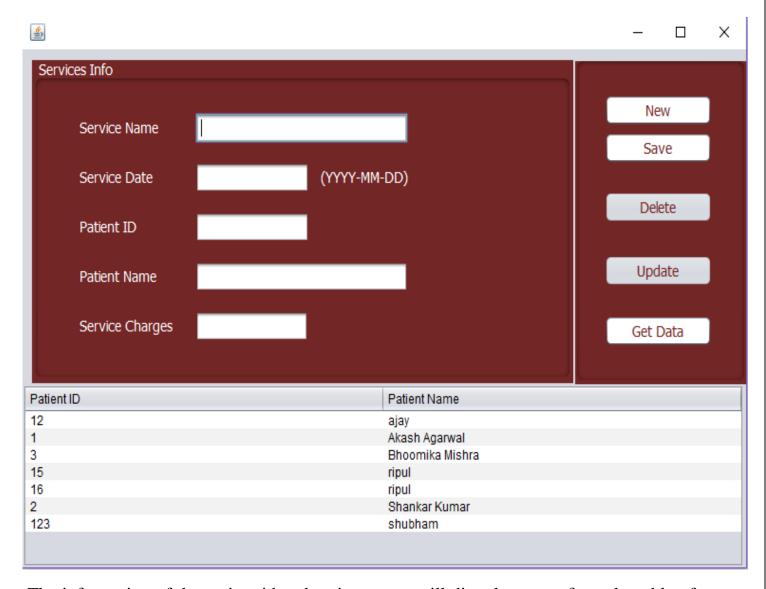
• The data base of the rooms form the data base looks like.

RoomNo	RoomType	RoomCharges	RoomStatus
1	General	5000	Vacant
2	General	2500	Vacant
3	Deluxe	10000	Booked
4	General	230	Booked
5	Deluxe	1000	Vacant
20	Deluxe	2000	Vacant
558	General	200	Vacant

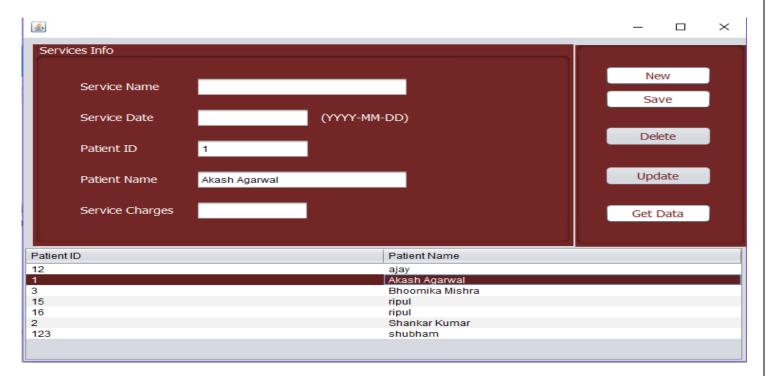
FORM NO 12-INDOOR AND OUTDOOR SERVICES

DESCRIPTION:

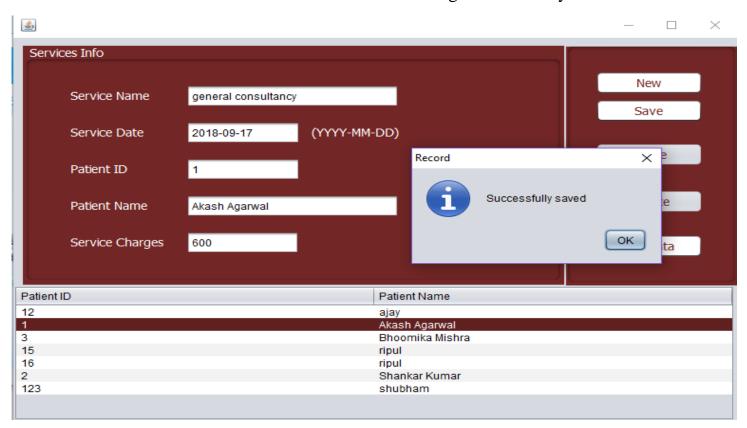
- In this form the staff add the services provided to the customer and add the charges of the service to the account of the customer in case of indoor patient.
- In case of outdoor patient a particular slip is provide to the patient mentioning the patient credentials and the doctor information



The information of the patient id and patient name will directly comes from the table of the registered patient in the hospital by clicking on the particular column which we require.

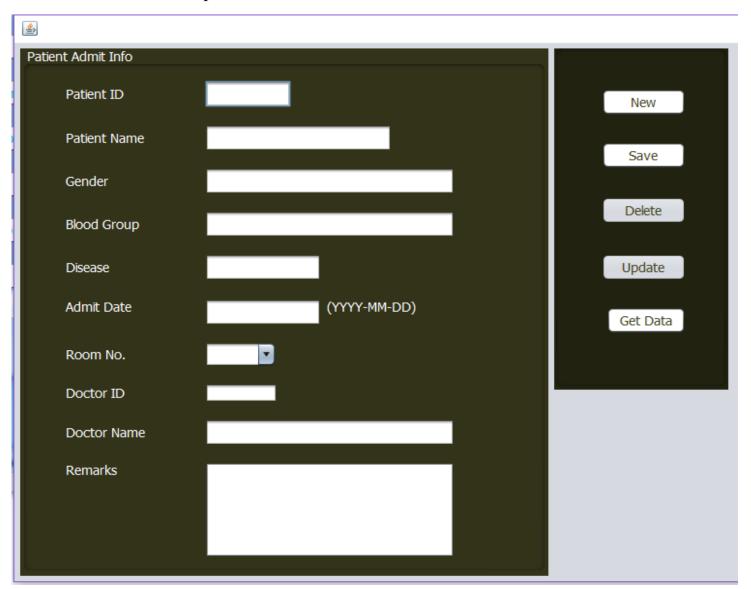


• When we click on save the information get successfully saved.



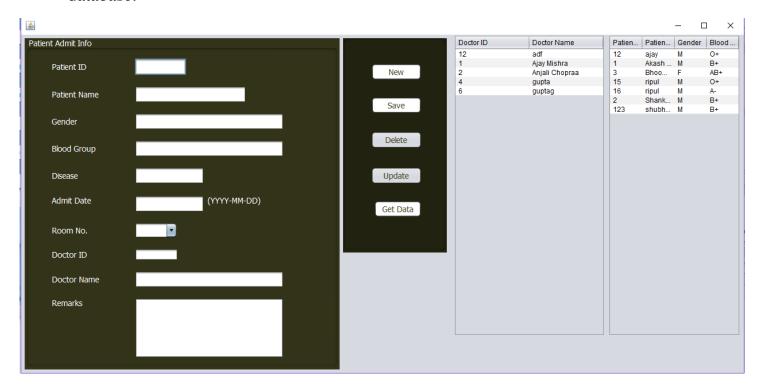
FORM NO 13-ADMIT THE PATIENT

- When the patient get admitted then the information of the patient will be entered into the admit section.
- While admitting the patient then admit date is stored into the database which will further be used to calculate the room charge to be inposed on the patient.

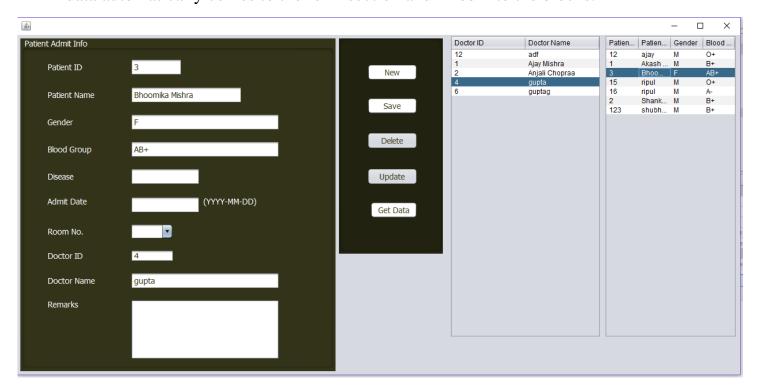


- One of the important feature used here is that we do not need to enter the whole data of the patient.
- The data corresponding to the patient comes from the database of the patient.

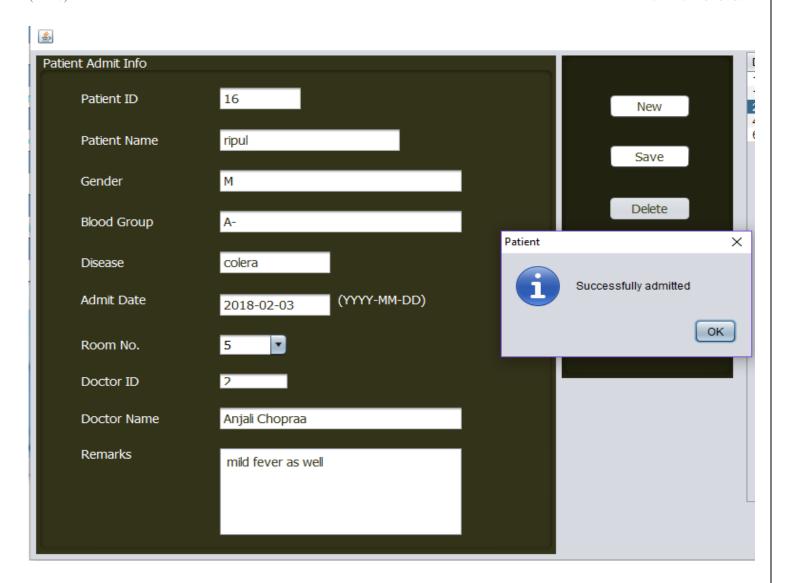
• And the data corresponding to the doctor comes from the doctor table of the database.



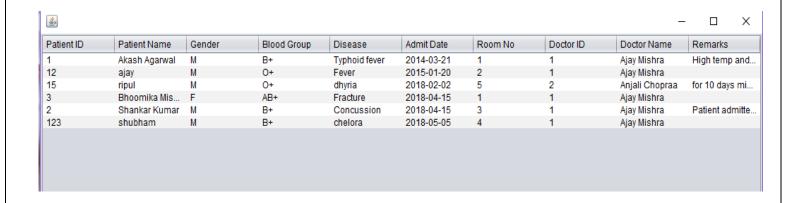
• When we click on the table shown on the right side of the above picture then the data automatically comes to the form section and filled into the blocks.



• When the patient get successful admitted then it shows the successful dialog box.



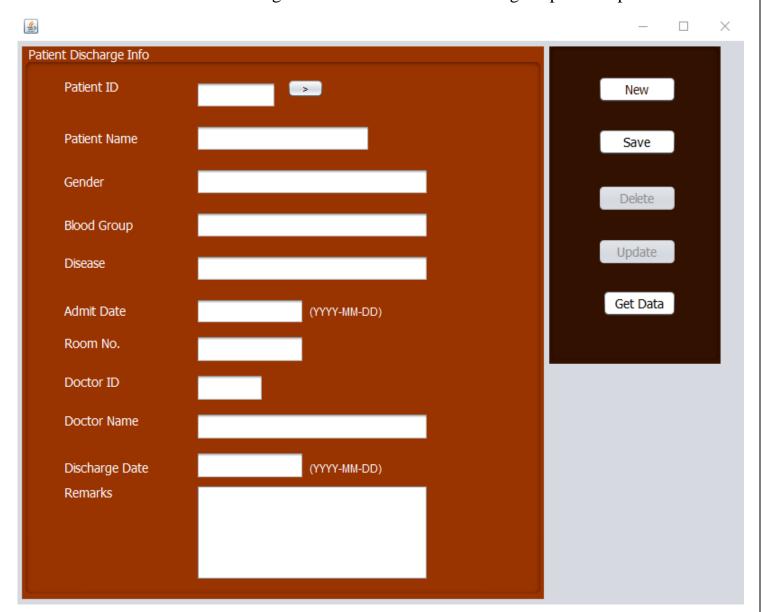
• The getdata block is used to get the information of the admitted patient and we can also edit or update the information of the patient by correcting it accordingly.



FORM NO 14- DISCHARGE THE PATIENT

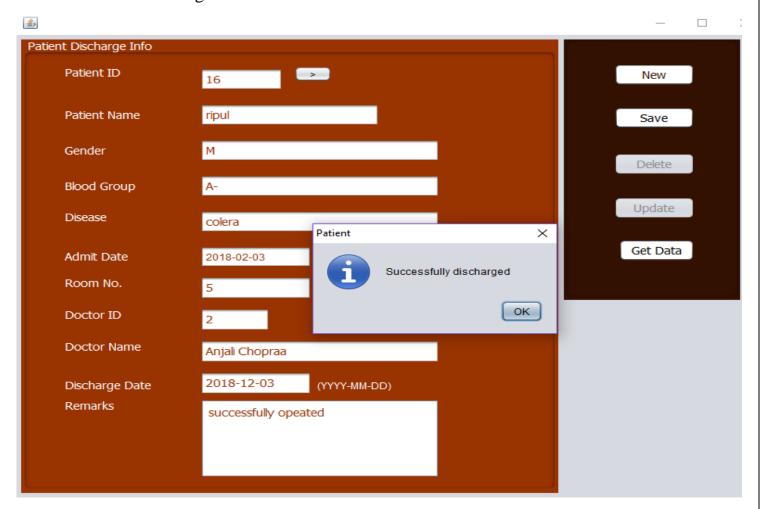
DESCRIPTION:

• When the patient successfully treated then it got discharged from the hospital and the discharge information is put into the form which is further used to generate the bill and the discharge slip for the patient.

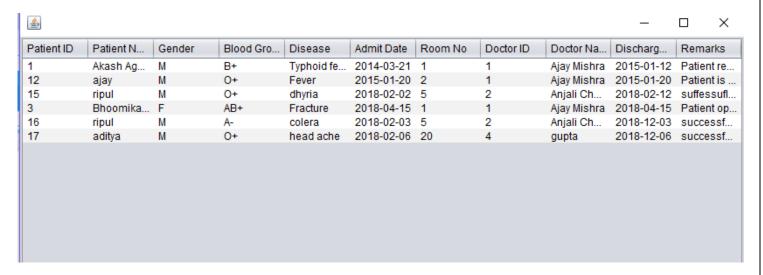


- Here one important feature is that the data about the patient is directly fetched form the database table and put directly into the blocks.
- When the patient got discharge then the difference between the discharge date and the admit date is used to generate the bill for the patient.

• When the patient successfully discharged then it shows the successful dialog box to the screen.

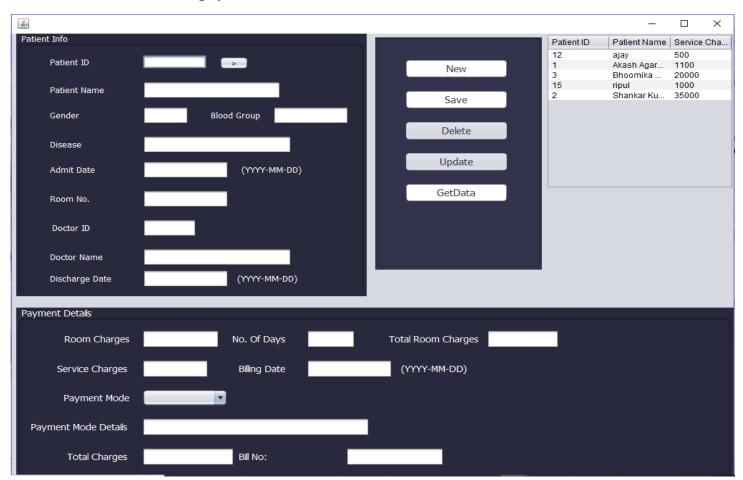


• The data table for the discharge patient information will looks like this.

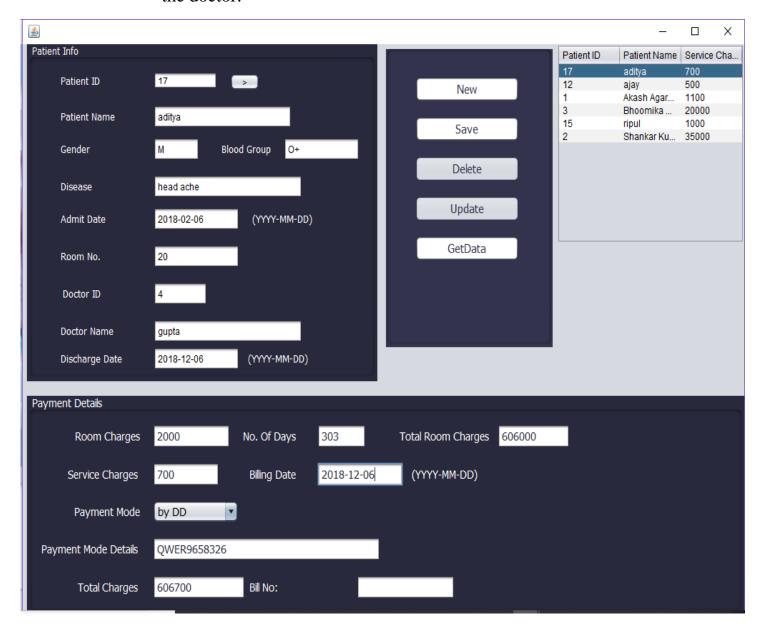


FORM NO 15- PAYMENT OF THE HOSPITAL BILL

- When the patient got successfully discharged then the task of computation of the hospital bill is done.
- Which include the charges of the rooms and the services provided by the hospital.
- Firstly the difference between the admitted date and discharge date is used to calculate the number of days the patient admitted to the hospital.
- After the computation of the room charges the charges of all the services offered by the hospital will be calculated then the final fill is the sum of the room charge and the hospital charge.
- The payment mode and the billing details are stored into the database of the payment of the bill table.



 Here also all the data are coming from the database of the patient and the doctor.



• The database table corresponding to the billing looks like.



CONCLUSION

As the modern Hospitals are automated and computers are working as per the instructions, it becomes essential for the coordination of human beings, commodity and computers in a modern organization. This information helps the distributors to purchase or sale the products very efficiently.

The project was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

- ➤ Hospital Management System of the entire system improves the efficiency.
- ➤ It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- ➤ It gives appropriate access to the authorized users depending on their permissions.
- ➤ It effectively overcomes the delay in communications.
- ➤ It saves the paper work time of the employees.
- > Updating of information becomes so easier.
- > System security, data security and reliability are the Striking features.
- ➤ The System has adequate scope for modification in future if it is necessary.

BIBLIOGRAPHY

The following books were referred during the analysis and execution phase of the project

- Java : The complete reference By: Herbert schildt
- INS institute student guide manuals
- Core java By.Orelley

Useful web content is:

- www.oracle.com
- www.geeksforgeeks.com
- www.tutorialspoint.com
- www.javatpoint.com
- www.youtube.com
- www.googleimages.com
- www.google.com
- www.fastlearnerwithjava.com