

Project Name: Hospital Management System

Purpose of project:

- This project is for treating patient and managing their medical record for future purpose
- Both doctor and patient need to register in system.
- To use this application doctor and patient need to login into system
- Patient can see all previous treatment received from doctor
- Patient can book appointment with doctor
- Doctor can view all patient record
- Doctor can see new appointment with patient problem.
- Doctor can save medicine and test suggestion in RECORD table.

Stages of project implementation:

1. Database-table create
2. JDBC code for database
3. UI designing using jsp and html
4. Code for each UI using database
5. Testing
6. Presentation

Create project in netbeans and give a name “ProjectName_GroupNumber”

Example: “Hospital_GN4”

1. Database-table create

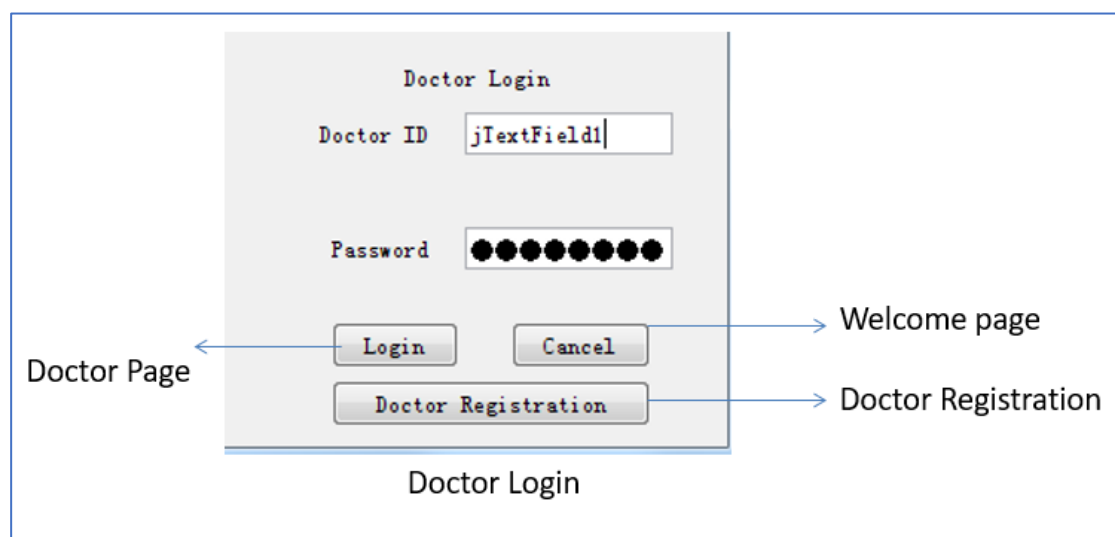
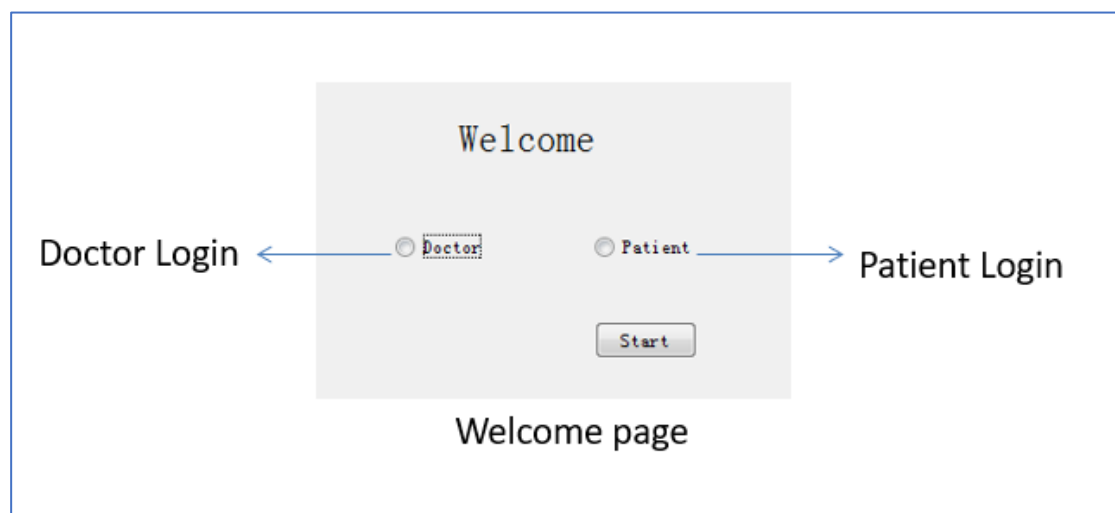
Database Name	hospital	
Database user	root	
Database password	root	
Table 1: DOCTOR		
Column Name	Datatype	Size
DOCID	VARCHAR	100
DOCNAME	VARCHAR	100
PHONE	VARCHAR	100
ADDRESS	VARCHAR	100
DEGREE	VARCHAR	100
SUBJECT	VARCHAR	100
PASSWORD	VARCHAR	100
Table 2: PATIENT		
Column Name	Datatype	Size
NAME	VARCHAR	100
PHONE	VARCHAR	100
ADDRESS	VARCHAR	100
DOB	VARCHAR	100

PASSWORD	VARCHAR	100
Table 3: RECORD		
Column Name	Datatype	Size
NAME	VARCHAR	100
PHONE	VARCHAR	100
DOB	VARCHAR	100
PROBLEM	VARCHAR	100
DOCNAME	VARCHAR	100
MEDICINE	VARCHAR	100
TEST	VARCHAR	100
TREAT	INTEGER	

2. JDBC code for database

Create a class "DB_Connect". Write database connection code.
(take a help of class code JDBC_Demo or JDBC_Demo2)

3. Project UI:



Doctor Registration

Doctotr ID

Name

Address

Phone No

Date of Birth DD MM YYYY

Degree

Specialization

Password

Doctor Registration

Save all data to "Doctor table" →

→ Doctor Login page

Display list of patient, who is having "treat=0" for current doctor

When doctor click on patient name, his/her problem should be display

Doctor Page

New Appointment **View Patient**

New Patient	Problem	Suggested Medicine
Item 1		
Item 2		
Item 3		
Item 4		
Item 5		

Required Medical Test

**Doctor Page
(New Appointment tab)**

Medicine and test data updated in "record" table and set "treat=1"

View all patient data from “record” table

Doctor Page

Logout

New Appointment View Patient

Name	problem	doctor	medicine	test	appointment...

Doctor Page
(View Patient tab)

Patient Login

Phone No

Password

← Login Cancel → Welcome page

← Patient Registration → Patient Registration

Patient Page

Patient Login

Patient Registration

Name

Address

Phone No

Date of Birth

Password

Save all data to "Patient table" ←

→ Patient Login page

Patient Registration

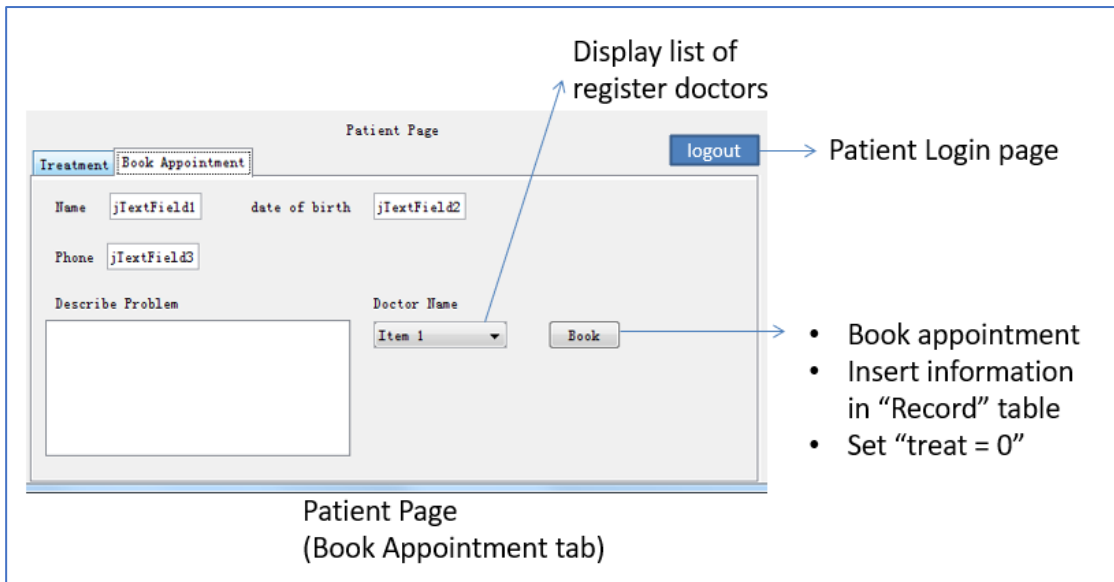
Display all data from "Record" table for current patient

Patient Page

Name	problem	doctor	medicine	test	appointmen...

Patient Page
(Treatment tab)

→ Patient Login page



Project design UI PPT



Hospital_App_UI.
ppsx

[Click here](#)