

Hospital Management

Notes:

- It is a Dynamic Web Project
- Implemented UI using jsp,servlet,jstls.
- Deployment: Apache Tomcat (used 8.5 in my machine)

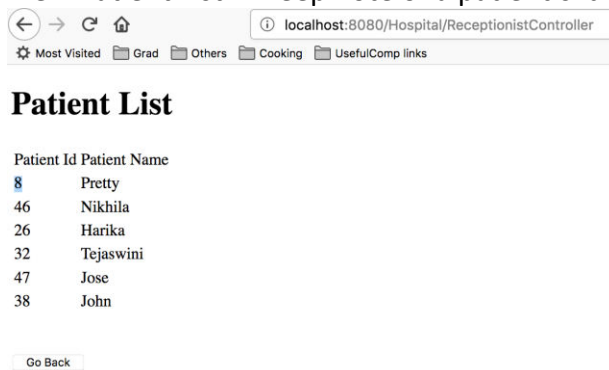
Running the code:

The first page – index.jsp

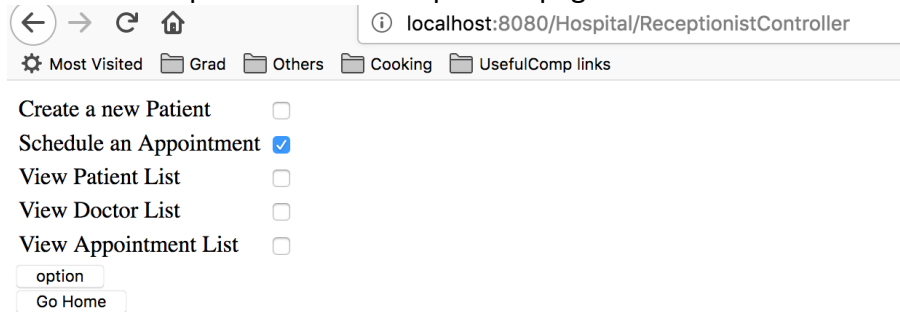
In this page, you can log in as any of the medical staff members.

For best results i.e. to see one whole sequence you can do the following:

1. Select Receptionist on the Home page
2. View Patient List -> keep note of a patient's id



3. Go back from patient list to Receptionist page



4. Select Schedule an Appointment and click on options
5. Enter the department you wish to book appointment and the patients id

Please enter appointment details:

Pediatric ☐

Orthopedic ☐

ENT ☐

Endocrinology ☐

Cardiology ☒

Dermatology ☐

Emergency ☐

Surgery ☐

Oncology ☐

Enter Patient Id

6. To see the appointment and doctor assigned Select view appointment list from Receptionist page

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Create a new Patient ☐

Schedule an Appointment ☐

View Patient List ☐

View Doctor List ☐

View Appointment List ☒

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Appointment List

Appointment Id	Patient Id	Doctor Id	Date
38	8	10	2017-12-09

7. Make a note of the doctor's id
8. Go Home:index.jsp
9. Now select Doctor and enter the doctor's id

← → ↻ 🏠 localhost:8080/Hospital/ReceptionistController
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Log in as:

Receptionist ☐
Doctor ☒
Nurse ☐
Messenger ☐
Lab Technician ☐
Dietician ☐
Inventory ☐

← → ↻ 🏠 localhost:8080/Hospital/PersonController
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Enter your person ID

10. Select Patient appointment from Doctor's page
11. Here select the patient who has come for appointment and enter the diagnosis, medicine prescription and tests to be done

Enter Diagnosis

	Patient Id	Patient Name
	8	Pretty
Diagnosis <input type="text" value="disease1"/>	Medicine <input type="text" value="med1"/>	Test <input type="text" value="test1"/>
<input type="button" value="Submit Diagnosis"/>		
<input type="button" value="Go Back"/>		

12. Go home
13. Now, the previous step has alerted the Nurse about this Patient who needs to be Checked in
14. Select Nurse from the index page
15. Select Check in patient and select the patient you want to check in from the next page and Go Home

Nurse Roles

☒ Check In Patient

Submit

Go Home

16. The previous step has alerted the Messenger, Dietician and LabTechnician.
17. At this point you can use to Inventory to check the patients who are to be checked by the patient, nurse, dietician, messenger or the Lab technician

Inventory

- View Patient List ☐
View Appointment List ☐
View Doctor List ☐
View Patient to be shifted List ☒
View Patient to get medicine List ☐
View Patient to get Diet plan List ☐
View Patient to get testes List ☐

option

Go Home

Go Back

Inventory

Patient List

Patient Id Patient Name

8 Pretty

Go Back

18. From index page, select Messenger, select shift the patient and select the patient to be shifted to the ward.

Messenger:

- ☒ Shift Patient to Room
- ☐ Get medicine for In-Patient from Pharmacy

Submit

Go Home

Messenger:

Select Patient to Shift

Patient Id Patient Name

☒ 8 Pretty

Shift Patient

Go Back

19. Go home

20. You can repeat similar steps for Dietician and LabTechnician