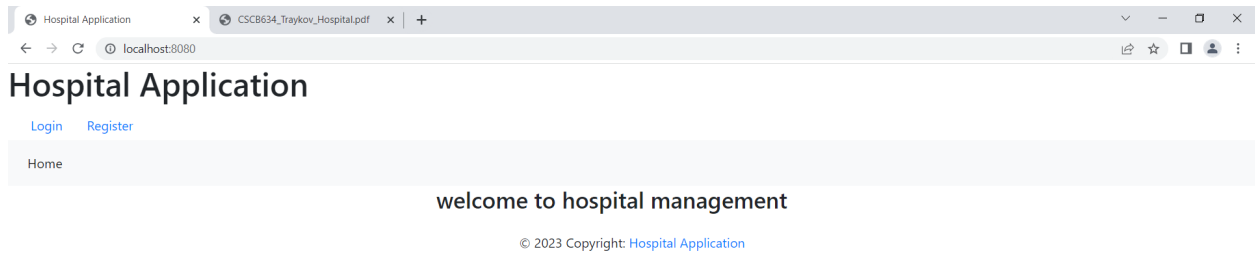


Home page :



Register page

A screenshot of the 'Hospital Application' register page. The browser shows the address 'localhost:8080/register'. The page has a header with 'Hospital Application' and links for 'Login' and 'Register'. Below the header is a navigation bar with 'Home' highlighted. The main content area is titled 'Register' and contains a form with the following fields: 'Username', 'Password', a role dropdown menu (currently showing 'ADMIN'), 'FirstName', 'LastName', and two empty input fields. At the bottom of the form are two buttons: 'Login instead' (blue) and 'Register' (grey). The footer says '© 2023 Copyright: Hospital Application'.

You can register or Login instead - button takes you to the Login page.

You can only register as an Anonymous user, the administrators will review your registration and set an appropriate role for you.

ns Treatments Appointments

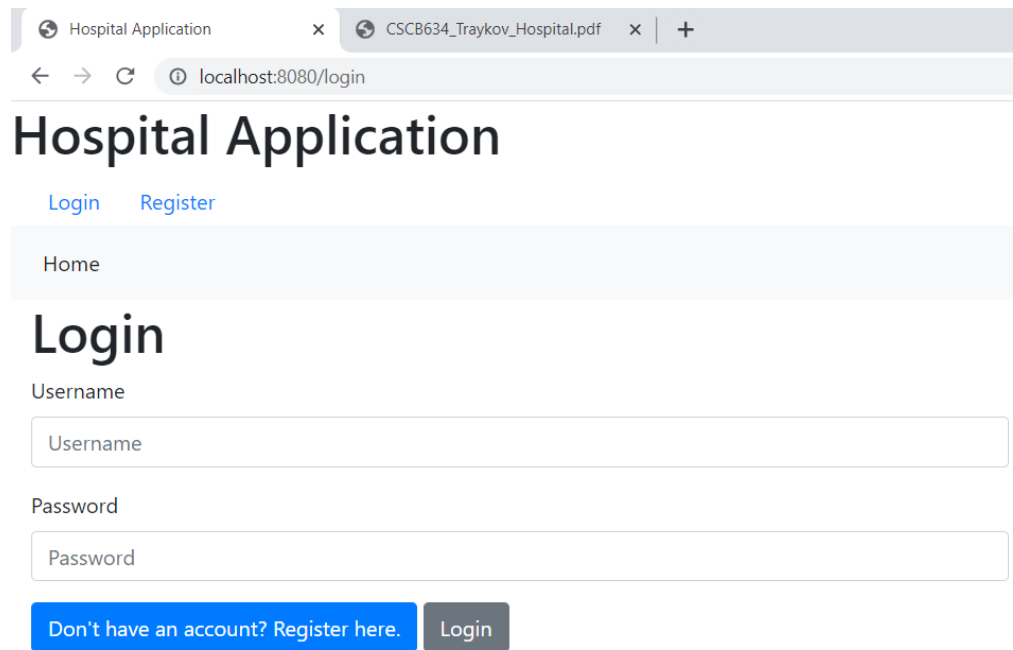
welcome to hospital management

Successfully registered!

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After entering valid details the request is sent to the administrators, who should approve the request: (see **Users**)

Login :



The screenshot shows a web browser window with two tabs: 'Hospital Application' and 'CSCB634_Travkov_Hospital.pdf'. The address bar shows 'localhost:8080/login'. The page title is 'Hospital Application'. Below the title are links for 'Login' and 'Register'. A navigation bar contains a 'Home' link. The main heading is 'Login'. There are two input fields: 'Username' and 'Password'. At the bottom, there is a blue button that says 'Don't have an account? Register here.' and a grey button that says 'Login'.

Hospital Application

[Login](#) [Register](#)

Home

Login

Username

Password

[Don't have an account? Register here.](#) [Login](#)

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If you haven't registered you can do so by clicking Register here- it will take you to the register page. If you try to log in with invalid data, a message appears:

Login

Invalid username and password.

Username

Password

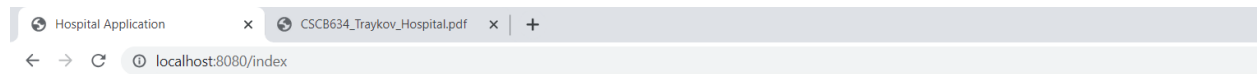
[Don't have an account? Register here.](#)

Login

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If correct data is entered, you will be redirected to the home page.

A “Hello, <username>” will be seen on top of the page.



Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

welcome to hospital management

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If you click on logout you will be logged out and taken to the login page with a message:

Hospital Application

[Login](#) [Register](#)

Home

Login

You have been logged out.

Username

Password

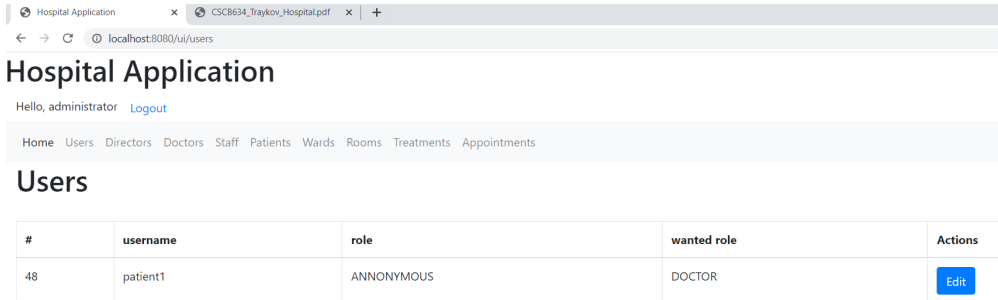
[Don't have an account? Register here.](#)

Login

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I have logged in as administrator - so i can see all the pages available:

Users:

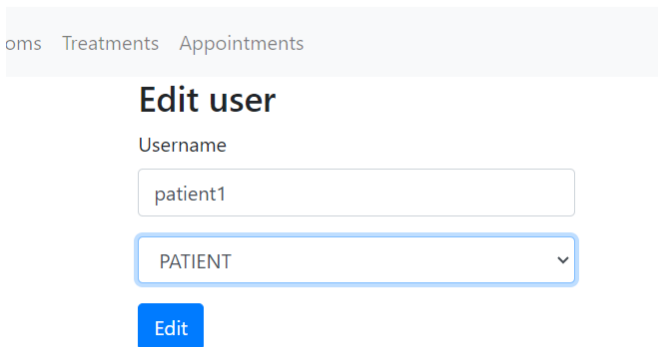


The screenshot shows the 'Hospital Application' web interface. The user is logged in as 'administrator' and is viewing the 'Users' page. The page has a navigation bar with links: Home, Users, Directors, Doctors, Staff, Patients, Wards, Rooms, Treatments, and Appointments. Below the navigation bar, there is a table of users. The table has columns: #, username, role, wanted role, and Actions. There is one user listed with #48, username 'patient1', role 'ANNONYMOUS', and wanted role 'DOCTOR'. An 'Edit' button is visible in the Actions column for this user.

#	username	role	wanted role	Actions
48	patient1	ANNONYMOUS	DOCTOR	Edit

User is waiting for approval from one of the administrators.

When the administrator chooses to edit the user, an option between the roles is shown:



The screenshot shows the 'Edit user' form in the 'Hospital Application' web interface. The user is logged in as 'administrator' and is viewing the 'Users' page. The form has a 'Username' field with the value 'patient1'. Below the username field, there is a dropdown menu for 'role' with the value 'PATIENT'. An 'Edit' button is visible below the dropdown menu.

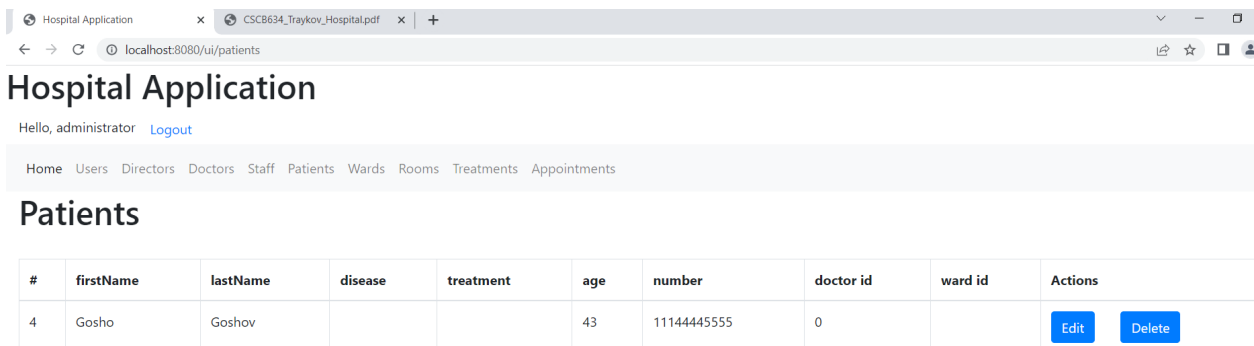
Username

patient1

PATIENT

[Edit](#)

The administrator sets the role as patient and that user is created as a Patient:



The screenshot shows the 'Hospital Application' web interface. The user is logged in as 'administrator' and is viewing the 'Patients' page. The page has a navigation bar with links: Home, Users, Directors, Doctors, Staff, Patients, Wards, Rooms, Treatments, and Appointments. Below the navigation bar, there is a table of patients. The table has columns: #, firstName, lastName, disease, treatment, age, number, doctor id, ward id, and Actions. There is one patient listed with #4, firstName 'Gosho', lastName 'Goshov', age 43, number 11144445555, and doctor id 0. Two buttons, 'Edit' and 'Delete', are visible in the Actions column for this patient.

#	firstName	lastName	disease	treatment	age	number	doctor id	ward id	Actions
4	Gosho	Goshov			43	11144445555	0		Edit Delete

Directors:

Hospital Application

CSCB634_Traykov_Hospital.pdf

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localhost:8080/ui/directors

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Directors

#	firstName	lastName	age	number	Actions
6	directorf	directorn	67	3456789	<div><div>Edit</div><div>Delete</div></div>

As an administrator, you can edit the directors or delete them.

Doctors:

Hospital Application

CSCB634_Traykov_Hospital.pdf

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localhost:8080/ui/doctors

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Doctors

#	firstName	lastName	age	qualification	number	ward id	Actions
26	Pesho	Peshov	40		55567788	0	<div><div>Edit</div><div>Delete</div></div>
27	Pacho	Pachov	34		43434343	0	<div><div>Edit</div><div>Delete</div></div>

Option to edit and delete the doctors.

Staff:

Hospital Application

CSCB634_Traykov_Hospital.pdf

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localhost:8080/ui/staff

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Staff

#	firstName	lastName	age	number	type	ward id	Actions
2	Stef	Stefov	20	454354534	REGISTRY	4	Edit Delete

Delete and Edit the doctors.

Patients:

Hospital Application

CSCB634_Traykov_Hospital.pdf

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localhost:8080/ui/patients

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Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Patients

#	firstName	lastName	disease	treatment	age	number	doctor id	ward id	Actions
4	Gosho	Goshov	idk	surgery	43	11144445555	26	4	Edit Delete
5	Pati	Patov			45	545345345	0	0	Edit Delete

Delete and edit patients.

Wards:

Hospital Application

CSCB634_Traykov_Hospital.pdf

localhost:8080/ui/wards

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Wards

Create ward

#	name	head doctor id	Actions
4	ER-WARD	26	<div>EditDelete</div>

You can create, edit and delete wards:

Create & Edit ward:

Create ward

Name

Head Doctor Id

Create

Edit ward

ER-WARD

26

Edit

Rooms:

Hospital Application

CSCB634_Traykov_Hospital.pdf

localhost:8080/ui/rooms

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Rooms

Create rooms

#	type	Actions
1	ICU	<div>EditDelete</div>
2	ER	<div>EditDelete</div>

Same as Wards- you can create, delete and edit the rooms:

Create & Edit room:

Patients Appointments

Create room

REGULAR

Create

Edit room

ICU

ICU

ER

OR

REGULAR

Treatments:

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Treatments

Create treatment

#	startDate	endDate	pricePerDay	totalPrice	patient id	Actions
1	2023-06-19 12:00:00.0	2023-06-24 09:00:00.0	300.0	1200.0	4	5 <div>EditDelete</div>

You can create, edit and delete treatments:

Create & Edit treatments:

Create treatment



Create

Edit treatment



Edit

Appointments:

← → ↺ 🌐 localhost:8080/ui/appointments

Hospital Application

Hello, administrator [Logout](#)

[Home](#) [Users](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Appointments

Create appointment

#	date	doctor id	patient id	
1	2023-06-23 09:00:00.0	26	4	<p>Edit Delete</p>

You can create, edit and delete appointments:

Create & Edit Appointment:

Create appointment

Create

Edit appointment

Edit

Logged in as director:

localhost:8080

Hospital Application

Hello, director [Logout](#)

[Home](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

welcome to hospital management

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I can see all the pages, however I do not have permissions to edit most data:

Doctors:

localhost:8080/ui/doctors

Hospital Application

Hello, director [Logout](#)

[Home](#) [Directors](#) [Doctors](#) [Staff](#) [Patients](#) [Wards](#) [Rooms](#) [Treatments](#) [Appointments](#)

Doctors

#	firstName	lastName	age	qualification	number	ward id
26	Pesho	Peshov	40	surgery	55567788	4
27	Pacho	Pachov	34		43434343	0

Patients:

Hospital Application

Patients

#	firstName	lastName	disease	treatment	age	number	doctor id	ward id
4	Gosho	Goshov	idk	surgery	43	11144445555	26	4
5	Pati	Patov			45	545345345	0	0

Logged in as doctor:

Hospital Application

welcome to hospital management

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I can see certain pages, but do not have permissions to edit some:

Hospital Application

Staff

#	firstName	lastName	age	number	type	ward id
2	Stef	Stefov	20	454354534	REGISTRY	4

When I open patients page- I can only see my patients AND I can edit them:

Hospital Application

Patients

#	firstName	lastName	disease	treatment	age	number	doctor id	ward id	Actions
4	Gosho	Goshov	idk	surgery	43	11144445555	26	4	Edit Delete

If I log in as patient, I can only see some pages:

Hospital Application

Hello, patient1 [Logout](#)

[Home](#) [Treatments](#) [Appointments](#)

welcome to hospital management

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I can only see my treatments:
Hospital Application

Hello, patient1 [Logout](#)

[Home](#) [Treatments](#) [Appointments](#)

Treatments

[Create treatment](#)

#	startDate	endDate	pricePerDay	totalPrice	patient id	room id
1	2023-06-19 12:00:00.0	2023-06-24 09:00:00.0	301.0	1204.0	4	5

And I can see only my appointments:
Hospital Application

Hello, patient1 [Logout](#)

[Home](#) [Treatments](#) [Appointments](#)

Appointments

[Create appointment](#)

#	date	doctor id	patient id
1	2023-06-23 09:00:00.0	26	4