

# 1. RBP - Health Care Service

## Health Care Service

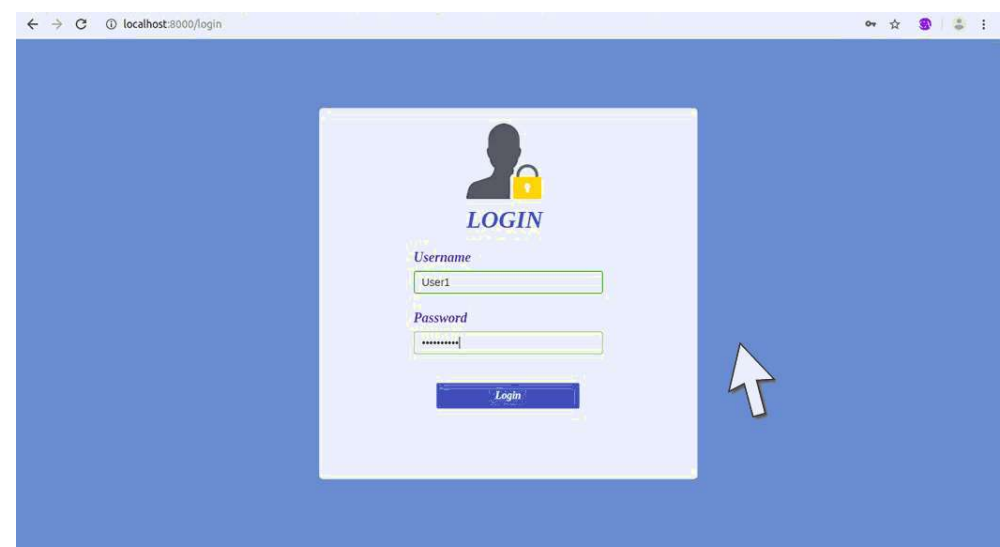
Health Care Service is an Angular application used by receptionist of a hospital. This application helps the receptionist to register patient/book appointment/cancel appointment.

### Application Overview

The application has the following screens

- Login
- Profile
- Register patient
- Viewall Patients
- Requested App

## Workflow of the application



### Login

- Login page has **username** and **password** fields and a login button.
- If Username/Password input field is empty, an error message should be shown for empty username/password field.
- **Login** button should be enabled only if all fields pass required validations.



<ul style="list-style-type: none"><li>Username should be a minimum of 3 characters and password should be a minimum of 8 characters.</li><li>Password Pattern: should have at least one upper case letter, one lower case letter, and one numeric digit and one special character. The allowed special characters are !\$%#@#€€*?&amp;</li><li>Example Password: pasSword8#</li><li>Show error message for invalid inputs.</li></ul>	<div><div>Username</div><div><input type="text" value="x"/></div><div>User name must be at least 3 characters long</div><div>Password</div><div><input type="password" value=""/></div><div>Password must be at least 8 characters long</div><div>Pattern does not match</div></div>
<ul style="list-style-type: none"><li>Username and password should be a maximum of 20 characters.</li><li>Show error message for invalid inputs.</li></ul>	<div><div>Username</div><div><input type="text" value="XXXXXXXXXXXXXXXXXXXX"/></div><div>Username cannot exceed 20 characters</div><div>Password</div><div><input type="password" value="XXXXXXXXXXXX"/></div><div>Password cannot exceed 20 characters</div><div>Pattern does not match</div></div>

Profile

<ul style="list-style-type: none"><li>Profile page have a user profile section that has Username, Contact number, Email and Location with an edit profile button.</li><li>User can update the details by clicking Edit profile button which displays a form where user can edit details</li></ul>	<div><div>Health Care ServiceWelcome User1</div><div>ProfileRegister patientViewall patientsRequested App</div><div><div></div><div>User1</div><div>999999999</div><div>user11@abc.in</div><div>bangalore</div><div>Edit profile</div></div></div>
<ul style="list-style-type: none"><li>User should be able to change the details except for username which is disabled</li><li>Contact number should be exactly 10 numbers and email should be a valid email. Show error message for invalid inputs.</li><li>Once user successfully submit the updates, the user should be able to view the changes on the screen</li><li>should display user profile section and hide form when clicked on discard button</li></ul>	<div><div>Health Care ServiceWelcome User1</div><div>ProfileRegister patientViewall patientsRequested AppLogout</div><div><div></div><div>Edit your profile</div><div><div>Name</div><div>User1</div><div>Contact number</div><div>999999999</div><div>Email</div><div>user11@abc.in</div><div>Location</div><div>bangalore</div><div>Make changes</div><div>Discard</div></div></div></div>

- All input fields should not be empty. Make Changes button should be enabled only if all fields pass required validations.

### Edit your profile

Name

User1

Contact number

mobile number

You must enter a valid mobile number

Email

Email

You must enter a valid Email ID

Location

Location

You must enter the location

Make changes

Discard

Register Patient

- \* fields are mandatory.
- Submit button should be enabled once the user filled all the \* fields.
- The submission of registration form should redirect the user to View all patients Page and the page should display the list of all patients.

### Enter Patient details

First Name: \*

FIRSTNAME

Last Name: \*

LASTNAME

Gender: \*

Male

Female

Date of birth: \*

dd/mm/yyyy

Contact number: \*

mobile number

Email: \*

example:abc12@tcs.com

Description: (Optional)

Briefly describe the issue

Submit

- First name should be a minimum of 3 characters and a maximum of 20 characters and should not be empty.
- Last name should be a minimum of 3 characters and a maximum of 20 characters and should not be empty.
- Gender should not be empty.
- Date of birth should not be empty.
- Contact number should be 10 numbers and length should not exceed 10 digits and should not be empty.
- Email should be a valid email.
- Description is optional
- Show error message for invalid inputs.

First Name: \*

FIRSTNAME

You must include a first name.

First Name: \*

x

Your first name must be at least 3 characters long.

First Name: \*

xxxxxxxxxxxxxxxxxxxxxx|

Your first name cannot exceed 20 characters.

View all patients

## Requested Appointments

- Should display the booked appointments of all patients.
- Should display selected patient details, when clicking on view details of particular patient.
- Should delete appointment when clicked on cancel appointment button.

Health Care ServiceWelcomeUser1ProfileRegister patientViewall patientsRequested A

Appointment id	Patient id	Patient name	Disease	Priority	Tentative date	Requested on	Update
13	400	first name	Flu	Normal	21/02/2019	19/02/2019 04:00:06	<a href="#">View Details</a> <a href="#">Cancel Appointment</a>
14	401	second name	fever, pain	Normal	23/10/2019	21/10/2019 01:51:58	<a href="#">View Details</a> <a href="#">Cancel Appointment</a>
15	401	second name	acid reflex	Normal	22/10/2019	22/10/2019 02:53:01	<a href="#">View Details</a> <a href="#">Cancel Appointment</a>
16	403	fourth name	Adenovirus Infection	Urgent	22/10/2019	22/10/2019 02:53:27	<a href="#">View Details</a> <a href="#">Cancel Appointment</a>

Header

- The header component should be displayed on top of all pages except login page.
- Should display the logged user name.
- Clicking on the particular menu should navigate to the corresponding page.

Health Care ServiceWelcomeUser1ProfileRegister patientViewall patientsRequested AppLogout

Services

The application has the following services.

- Api Service**  
Service for api calls to the backend server.
- Auth Guard**  
Prevent navigation to the application pages other than login for unauthorized users.
- Data Service**  
Acts as a middleware between component and api service

Other Instructions

- All the project files are kept inside the src folder.
- Do not modify the ids or classes** for the existing UI elements as they are required by the unit tests.
- The api url is predefined in the service as API\_URL. You would hit **API\_URL + endpoint** as required.
- To **Login**, use the credentials which is available in **server/users.json**

Methods in Service	API Endpoint	HTTP Method	Request body	Response
checkLogin	/auth/server/	POST	{ <b>username:</b> username, <b>password:</b> password }	{userId: userId}
getUserDetails	/users/ <b>userId</b>	GET		user object
updateDetails	/users/ <b>userId</b>	PUT	user object	user object
registerPatient	/allpatients	POST	patientDetails	patientDetails
getAllPatientsList	/allpatients	GET		patientDetails

Methods in Service	API Endpoint	HTTP Method	Request body	Response
getParticularPatient	/allpatients/ <i>patientId</i>	GET		patientDetails
getDiseasesList	/diseases	GET		diseasesList
bookAppointment	/reqappointments	POST	appointmentDetails	appointmentDetails
getAppointments	/reqappointments?patientId= <i>patientId</i>	GET		appointmentDetails
deleteAppointment	/reqappointments/ <i>appointmentId</i>	DELETE		{}
requestedAppointments	/reqappointments	GET		appointmentDetails

- Replace the coloured text with appropriate value.
- If the backend server stops responding, please run the application again to restart the server.