

PAF-Practical Assignment-2020

Healthcare System- Appointment Management

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1. Interface Design

The screenshot shows a web browser window with the title 'Appointment Details'. The address bar displays 'localhost:8077/Paf/index.jsp'. The application has a blue sidebar on the left with a 'HEALTHCARE' logo and a 'HOME' link. The main content area is white and contains a search bar at the top right. Below the search bar, there are several form fields for appointment details: 'Patient Name' (text input), 'Doctor Name' (dropdown menu with 'DR Sajith Mayantha' selected), 'Hospital Name' (dropdown menu with 'Asiri Hospital' selected), 'Phone No.' (text input), 'Email' (text input), 'Date' (text input with a placeholder 'mm/dd/yyyy'), and 'Time' (text input with a placeholder '--:-- --').

Appointment Details

localhost:8077/Paf/index.jsp

Date:
mm/dd/yyyy

Time:
--:-- --

Charge

Save

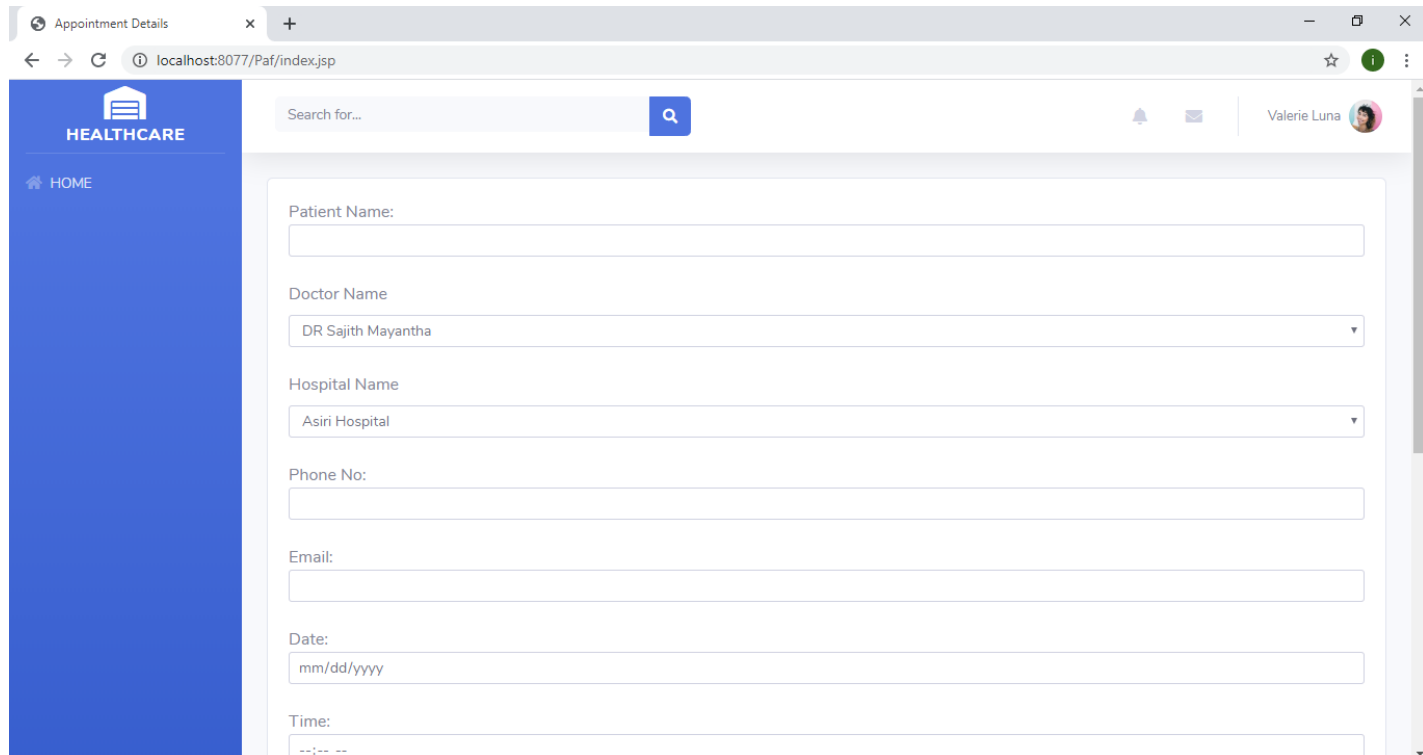
Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals Limited	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove

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2. Check validations

2.1. Patient Name validation

2.1.1 Name field should not be empty



The screenshot shows a web browser window with the title 'Appointment Details'. The address bar shows 'localhost:8077/Paf/index.jsp'. The page has a blue sidebar with the 'HEALTHCARE' logo and a 'HOME' link. The main content area contains a form with the following fields:

- Patient Name:
- Doctor Name:
- Hospital Name:
- Phone No:
- Email:
- Date:
- Time:

mm/dd/yyyy

Time:

--:--

Charge

Save

Insert Patient Name.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals Limited	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove

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Appointment Details

localhost:8077/Paf/index.jsp

HEALTHCARE

HOME

Search for...

Valerie Luna

Patient Name:

Doctor Name

DR Dilakshika Perera

Hospital Name

Nawaloka Hospitals Limited

Phone No:

0718908476

Email:

hmravindu@gmail.com

Date:

05/27/2020

Time:

08:30 PM

Appointment Details

localhost:8077/Paf/index.jsp

0718908476

Email:
hmravindu@gmail.com

Date:
05/27/2020

Time:
08:30 PM

Charge
5000

Save

Insert Patient Name.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove

2.1.2. First letter should be Alphabet Character

Appointment Details

localhost:8077/Paf/index.jsp

HEALTHCARE

HOME

Search for...

Valerie Luna

Patient Name:
11

Doctor Name
DR Dilakshika Perera

Hospital Name
Nawaloka Hospitals Limited

Phone No:
0718908476

Email:
hmravindu@gmail.com

Date:
05/27/2020

Time:
08:30 PM

Appointment Details

localhost:8077/Paf/index.jsp

05/27/2020

Time:
08:30 PM

Charge
5000

Save

First Letter must have alphabet charaters only...!

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals Limited	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove

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2.2. Phone Number validation

2.2.1. Phone No Should not be Empty

Appointment Details

localhost:8077/Paf/index.jsp

Doctor Name
DR Dilakshika Perera

Hospital Name
Nawaloka Hospitals Limited

Phone No:

Email:
hmravindu@gmail.com

Date:
05/27/2020

Time:
08:30 PM

Charge
5000

Save

Insert Phone.

2.2.2. Phone Number should be 10 digit number

Appointment Details

localhost:8077/Paf/index.jsp

Hospital Name
Nawaloka Hospitals Limited

Phone No:
045

Email:
hmravindu@gmail.com

Date:
05/27/2020

Time:
08:30 PM

Charge
5000

Save

Insert a valid Phone Number...!

Patient	Doctor	Hosptl	Phone No	Email	Date	Time	Charge	Update	Remove
---------	--------	--------	----------	-------	------	------	--------	--------	--------

2.3. Email Validations

2.3.1. Email field should be filled.

Appointment Details

localhost:8077/Paf/index.jsp

Nawaloka Hospitals Limited

Phone No:
0452255312

Email:

Date:
05/27/2020

Time:
08:30 PM

Charge
5000

Save

Insert Email.

Patient	Doctor	Hosptl	Phone No	Email	Date	Time	Charge	Update	Remove
---------	--------	--------	----------	-------	------	------	--------	--------	--------

2.3.2. Email Address should be correct type

Appointment Details

localhost:8077/Paf/index.jsp

Nawaloka Hospitals Limited

Phone No:
0452255312

Email:
hmravindu@

Date:
05/27/2020

Time:
08:30 PM

Charge
5000

Save

Insert valid Email

Patient	Doctor	Hosptl	Phone No	Email	Date	Time	Charge	Update	Remove
---------	--------	--------	----------	-------	------	------	--------	--------	--------

Since time and calendar have to be validated, it was used 'day' and 'time' as 'type'. Hence this will work properly with a browser like chrome. But the calendar and time will not be validated in eclipse. So, for a proper output better run with a browser.

2.4. Date Validation

2.4.1. Date should not be empty

Appointment Details

localhost:8077/Paf/index.jsp

Nawaloka Hospitals Limited

Phone No:
0452255312

Email:
hmravindu@gmail.com

Date:
mm/dd/yyyy

Time:
08:30 PM

Charge

Save

Insert Date.

Patient	Doctor	Hosptl	Phone No	Email	Date	Time	Charge	Update	Remove
---------	--------	--------	----------	-------	------	------	--------	--------	--------

2.5. Time Validation

2.5.1. Time should not be empty

Appointment Details

localhost:8077/Paf/index.jsp

Nawaloka Hospitals Limited

Phone No:
0452255312

Email:
hmravindu@gmail.com

Date:
05/30/2020

Time:
--:-- --

Charge
5000

Save

Insert Time.

Patient	Doctor	Hosptl	Phone No	Email	Date	Time	Charge	Update	Remove
---------	--------	--------	----------	-------	------	------	--------	--------	--------

2.6. Doctor Charge Validation

2.6.1. Doctor Charge should not be empty

Appointment Details

0452255312

Email: hmrvindu@gmail.com

Date: 05/30/2020

Time: 08:30 PM

Charge

Save

Insert Charge.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove

2.6.2. Doctor Charge should be numerical values only.

Appointment Details

0452255312

Email: hmrvindu@gmail.com

Date: 05/30/2020

Time: 08:30 PM

Charge axa

Save

Insert a numerical value for Charge.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove

3. Save Appointments details

Appointment Details

localhost:8077/Paf/index.jsp

Ravindu Kavishka

Doctor Name

DR Dilakshika Perera

Hospital Name

Nawaloka Hospitals Limited

Phone No:

0452255312

Email:

hmravindu@gmail.com

Date:

05/30/2020

Time:

08:30 PM

Charge

5000.0

Save

Appointment Details

localhost:8077/Paf/index.jsp

Date:

mm/dd/yyyy

Time:

--:-- --

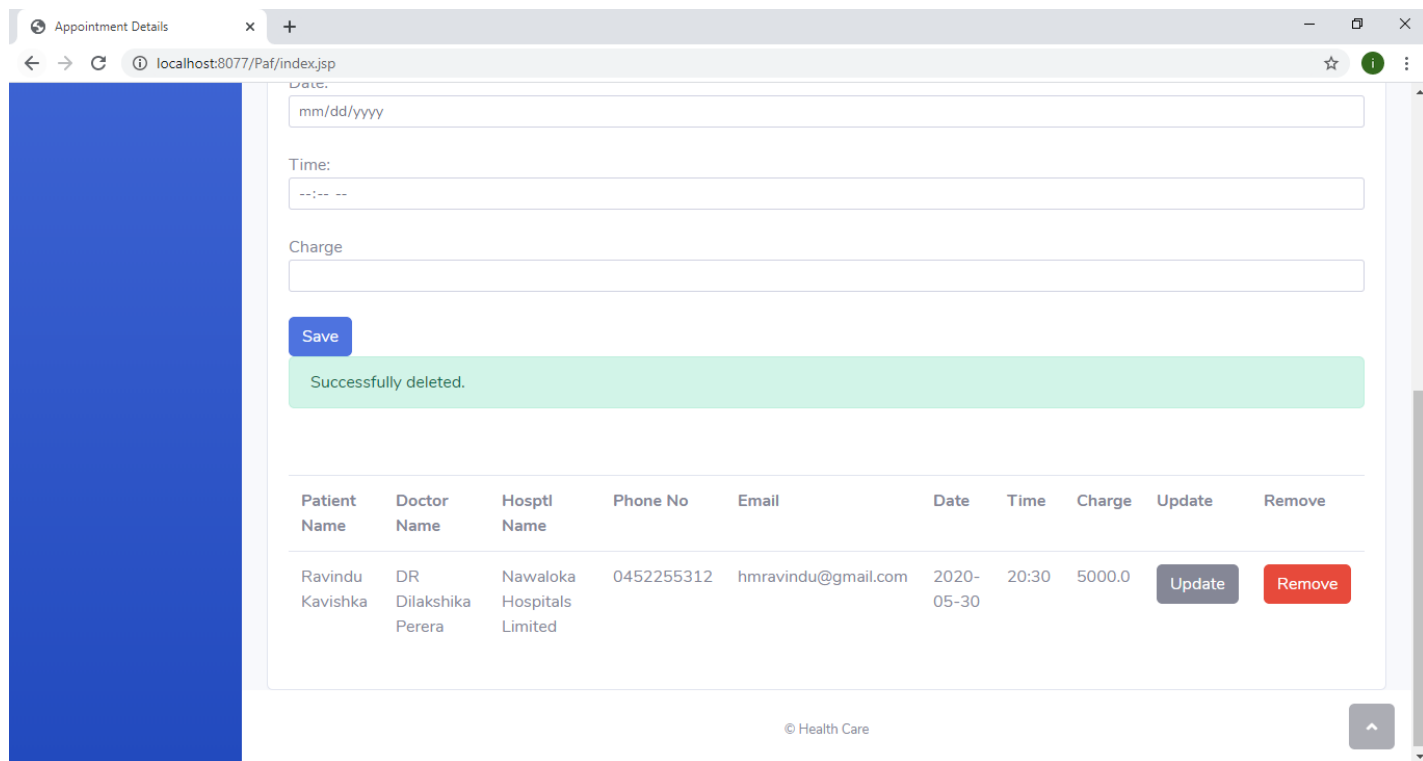
Charge

Save

Successfully saved.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Kamal Gunarathna	DR Sajith Mayantha	Nawaloka Hospitals Limited	0784589623	kamal@gmail.com	2020-05-22	13:00	5000.0	Update	Remove
Ravindu Kavishka	DR Dilakshika Perera	Nawaloka Hospitals Limited	0452255312	hmravindu@gmail.com	2020-05-30	20:30	5000.0	Update	Remove

3. Delete Doctor Details



Appointment Details

localhost:8077/Paf/index.jsp

Date:

Time:

Charge:

Successfully deleted.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time	Charge	Update	Remove
Ravindu Kavishka	DR Dilakshika Perera	Nawaloka Hospitals Limited	0452255312	hmrvindu@gmail.com	2020-05-30	20:30	5000.0	<input type="button" value="Update"/>	<input type="button" value="Remove"/>

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4. Update Appointment details

4.1.Update Phone Number

Appointment Details

localhost:8077/Paf/index.jsp

Date:
mm/dd/yyyy

Time:
--:-- --

Charge

Save

Successfully saved.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time
Ravindu+Kavishka	DR+Sajith+Mayantha	Nawaloka+Hospitals+Limited	0714525301	hmravindu%40gmail.com	2020-05-30	20%3A30

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4.2.Update Success

Appointment Details

localhost:8077/Paf/index.jsp

Date:
mm/dd/yyyy

Time:
--:-- --

Charge

Save

Successfully saved.

Patient Name	Doctor Name	Hosptl Name	Phone No	Email	Date	Time
Ravindu+Kavishka	DR+Sajith+Mayantha	Nawaloka+Hospitals+Limited	0714525301	hmravindu%40gmail.com	2020-05-30	20%3A30

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