

PAF-Practical Assignment-2020

Healthcare System - Doctor Management

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1. Interface Design

The screenshot shows a web browser window with the address bar displaying 'localhost:8086/lab10.1/'. The page title is 'Doctor Details'. The interface features a blue sidebar on the left with the 'HEALTHCARE' logo and navigation links for 'HOME' and 'DOCTOR'. The main content area has a search bar at the top. Below the search bar, there is a form for entering doctor details. The form fields are as follows:

- Doctor Name:
- Specialization:
- Phone No:
- Email:
- Hospital Name:
- Available Day:
- Available Time:
- Doctor Charge:

Doctor Details

localhost:8086/lab10.1/

Hospital Name

Asiri Hospital

Available Day

Monday

Available Time

--:-- --

Doctor Charge

Save

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	<div>Update</div>	<div>Remove</div>

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Figure 1: Doctor Management interface

2. Check validations

2.1. Doctor Name validation

2.1.1. Name field should not be empty

Doctor Details

Search for...

HEALTHCARE

HOME

DOCTOR

Doctor Name

Specialization

Psychiatrist

Phone No

Email

Hospital Name

Asiri Hospital

Available Day

Monday

Available Time

Doctor Charge

Asiri Hospital

Available Day

Monday

Available Time

Doctor Charge

Save

Insert doctor Name.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikapera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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Doctor Details

localhost:8086/lab10.1/

Valerie Luna

HEALTHCARE

HOME

DOCTOR

Search for...

Doctor Name

Specialization

Psychiatrist

Phone No

0765477886

Email

hmravindu@gmail.com

Hospital Name

Asiri Hospital

Available Day

Thursday

Available Time

01:00 PM

Doctor Charge

Doctor Details

localhost:8086/lab10.1/

Valerie Luna

HEALTHCARE

HOME

DOCTOR

Asiri Hospital

Available Day

Thursday

Available Time

01:00 PM

Doctor Charge

2000

Save

Insert doctor Name.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.1.2. First letter should be Alphabet Character

Doctor Details

localhost:8086/lab10.1/

HOME

DOCTOR

Doctor Name

1

Specialization

Psychiatrist

Phone No

0765477886

Email

hmravindu@gmail.com

Hospital Name

Asiri Hospital

Available Day

Thursday

Available Time

01:00 PM

Doctor Charge

2000

Save

Doctor Details

localhost:8086/lab10.1/

Asiri Hospital

Thursday

01:00 PM

2000

Save

First Letter must have alphabet charaters only...!

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.2. Phone Number validation

2.2.1. Phone No Should not be Empty

Doctor Details

Search for...

Doctor Name: Dr Kavishka Herath

Specialization: Psychiatrist

Phone No:

Email: hmravindu@gmail.com

Hospital Name: Asiri Hospital

Available Day: Thursday

Available Time: 01:00 PM

Doctor Charge:

Asiri Hospital

Available Day: Thursday

Available Time: 01:00 PM

Doctor Charge: 2000

Save

Insert Phone.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikapera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.2.2. Phone Number should be 10 digit number

Doctor Details

Search for...

HEALTHCARE

HOME

DOCTOR

Doctor Name

Dr Kavishka herath

Specialization

Psychiatrist

Phone No

077

Email

hmrvindu@gmail.com

Hospital Name

Asiri Hospital

Available Day

Monday

Available Time

03:00 PM

Doctor Charge

Doctor Details

Search for...

HEALTHCARE

HOME

DOCTOR

Asiri Hospital

Available Day

Monday

Available Time

03:00 PM

Doctor Charge

2000

Save

Insert a valid Phone Number...!

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr hashan ranathunge	Psychiatrist	0717745433	dilakshikapera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.3. Email Validations

2.3.1. Email field should be filled.

Doctor Details

Search for...

HEALTHCARE

HOME

DOCTOR

Doctor Name: Dr Kavishka Herath

Specialization: Psychiatrist

Phone No: 0772088665

Email:

Hospital Name: Asiri Hospital

Available Day: Thursday

Available Time: 01:00 PM

Doctor Charge:

Doctor Details

Asiri Hospital

Available Day: Thursday

Available Time: 01:00 PM

Doctor Charge: 2000

Save

Insert Email.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.3.2. Email Address should be correct type

Doctor Details

Search for...

HEALTHCARE

HOME

DOCTOR

Doctor Name

Dr Kavishka Herath

Specialization

Psychiatrist

Phone No

0772088665

Email

dil

Hospital Name

Asiri Hospital

Available Day

Thursday

Available Time

01:00 PM

Doctor Charge

Doctor Details

Search for...

HEALTHCARE

HOME

DOCTOR

Hospital Name

Asiri Hospital

Available Day

Thursday

Available Time

01:00 PM

Doctor Charge

2000

Save

Insert valid Email

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.4. Available Time Validation

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

2.4.1. Available time should not be empty

The screenshot shows a web browser window with the title 'Doctor Details' and the URL 'localhost:8086/lab10.1/'. The form contains the following fields:

- Hospital: Asiri Hospital (dropdown)
- Available Day: Thursday (dropdown)
- Available Time: --:-- (empty time input field)
- Doctor Charge: 2000 (text input)
- Save button

Below the form is a red error message: 'Insert Available Time.'

Below the error message is a table of doctors:

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	<button>Update</button>	<button>Remove</button>

At the bottom of the page, there is a copyright notice: '© Health Care' and a small upward arrow button.

2.5. Doctor Charge Validation

2.5.1. Doctor Charge should not be empty

Doctor Details

localhost:8086/lab10.1/

Asiri Hospital

Available Day

Thursday

Available Time

03:00 PM

Doctor Charge

Save

Insert Doctor Charge.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikapera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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2.5.2. Doctor Charge should be numerical values only.

Doctor Details

localhost:8086/lab10.1/

Asiri Hospital

Available Day

Thursday

Available Time

03:00 PM

Doctor Charge

ad

Save

Insert a numerical value for Doctor Charge.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikapera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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Doctor Details

localhost:8086/lab10.1/

Asiri Hospital

Available Day

Thursday

Available Time

03:00 PM

Doctor Charge

2000

Save

Insert Doctor Charge.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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3. Save Doctor details

Doctor Details

localhost:8086/lab10.1/

Monday

Available Time

--:-- --

Doctor Charge

Save

Successfully saved.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove
Dr Kavishka Herath	Psychiatrist	0772088665	hmrvindu@gmail.com	Asiri Hospital	Thursday	15:00	2000.0	Update	Remove

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4. Update Doctor details

Doctor Details

localhost:8086/lab10.1/

Monday

Available Time

05:30 PM

Doctor Charge

7000.0

Save

Successfully saved.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove
Dr Kavishka Herath	Psychiatrist	0772088665	hmravindu@gmail.com	Asiri Hospital	Thursday	15:00	2000.0	Update	Remove

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4.1.Update Phone Number

Doctor Details

localhost:8086/lab10.1/

HEALTHCARE

HOME

DOCTOR

Search for...

Valerie Luna

Doctor Name

Dr Hashan Ranathunge

Specialization

Psychiatrist

Phone No

0717745443

Email

dilakshikaperera@gmail.com

Hospital Name

Asiri Hospital

Available Day

Monday

Available Time

05:30 PM

Doctor Charge

Doctor Details

Search for...

Valerie Luna

HEALTHCARE

HOME

DOCTOR

Doctor Name

Dr Hashan Ranathunge

Specialization

Psychiatrist

Phone No

0112345643

Email

dilakshikaperera@gmail.com

Hospital Name

Asiri Hospital

Available Day

Monday

Available Time

05:30 PM

Doctor Charge

4.2.Update Success message

Doctor Details

Search for...

Valerie Luna

HEALTHCARE

HOME

DOCTOR

Available Day

Monday

Available Time

--:-- --

Doctor Charge

Save

Successfully saved.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr+Hashan+Ranathunge	Psychiatrist	0112345643	dilakshikaperera%40gmail.com	Asiri+Hospital	Monday	17%3A30	7000.0	Update	Remove
Dr Kavishka Herath	Psychiatrist	0772088665	hmravindu@gmail.com	Asiri Hospital	Thursday	15:00	2000.0	Update	Remove

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Doctor Details

localhost:8086/lab10.1/

Monday

Available Time

--:-- --

Doctor Charge

Save

Successfully saved.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Kavishka Herath	Psychiatrist	0772088665	hmrvindu@gmail.com	Asiri Hospital	Thursday	15:00	2000.0	Update	Remove
Dr Hashan Ranathunge	Psychiatrist	0717745443	dilakshikaperera@gmail.com	Asiri Hospital	Monday	17:30	7000.0	Update	Remove

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5. Delete Doctor Details

Doctor Details

localhost:8086/lab10.1/

Asiri Hospital

Available Day

Monday

Available Time

--:-- --

Doctor Charge

Save

Successfully deleted.

Doctor Name	Specialization	Phone No	Email	Hospital Id	Available Day	Available Time	Doctor Charge	Update	Remove
Dr Kavishka Herath	Psychiatrist	0772088665	hmrvindu@gmail.com	Asiri Hospital	Thursday	15:00	2000.0	Update	Remove

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