



# BGC Trust University Bangladesh

Presentation

On

**Telemedicine-----App**

**Course Title: Software Development Project-2(Live Project)**

**Course Code: CSE 3209**

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1. Introduction

2. Goals

9. Conclusion

3. Literature Review

8. Implementation

4. Tools

7. Design and  
Development

5. System Architecture

6. Methodology

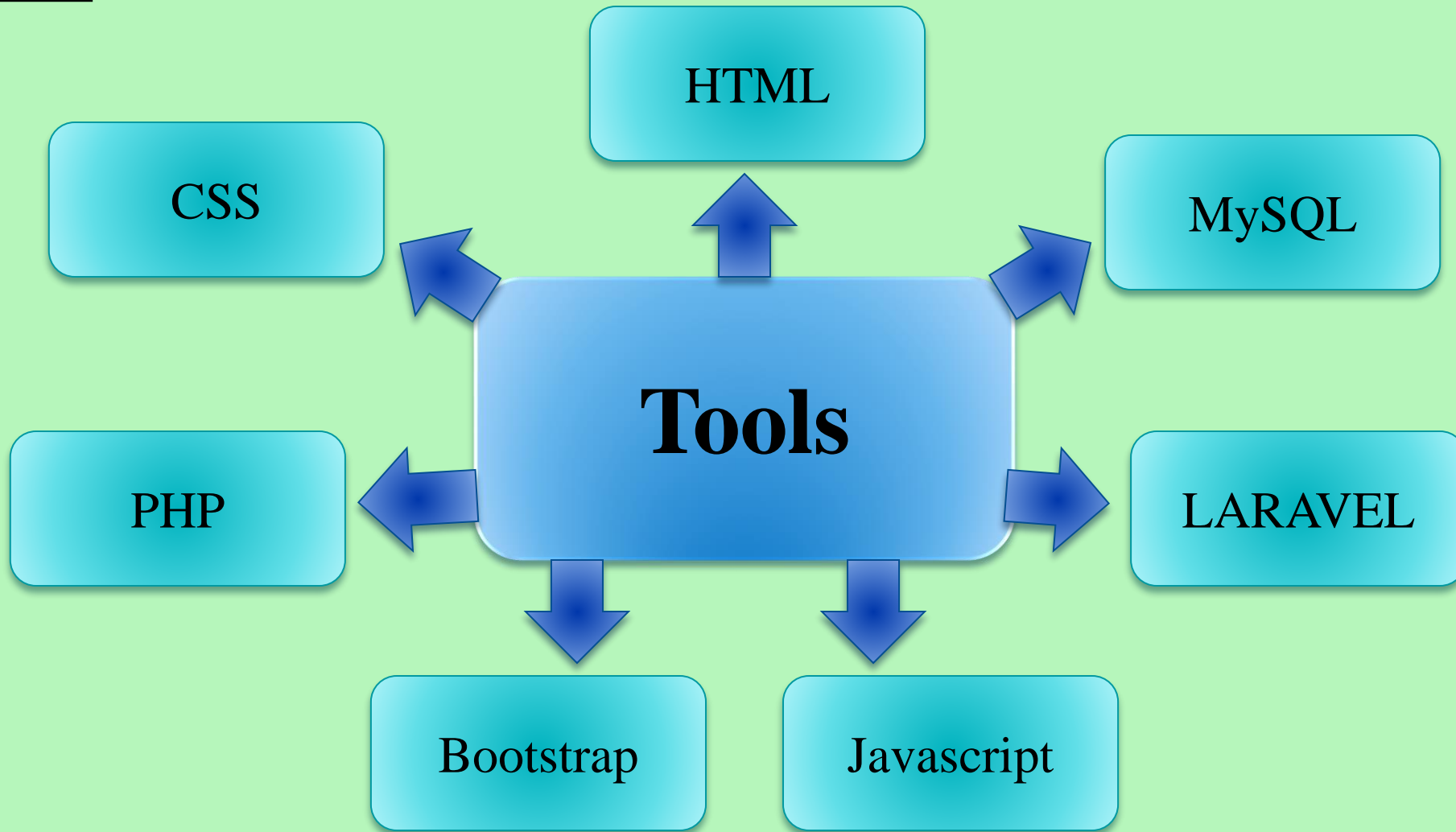
# Outlines

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graph TD; Outlines[Outlines] --> 1[1. Introduction]; Outlines --> 2[2. Goals]; Outlines --> 3[3. Literature Review]; Outlines --> 4[4. Tools]; Outlines --> 5[5. System Architecture]; Outlines --> 6[6. Methodology]; Outlines --> 7[7. Design and Development]; Outlines --> 8[8. Implementation]; Outlines --> 9[9. Conclusion];
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## □ Introduction:

**Telemedicine**, also referred to as **telehealth** or e-medicine, is the remote delivery of healthcare services, including exams and consultations over the telecommunications infrastructure. **Telemedicine** allows healthcare providers to evaluate, diagnose and treat patients without the need for an in-person visit..

## ☐ Tools:



## ❑ Methodology:

Our website is based on Waterfall Method. Waterfall method is a sequential development approach, in which development is seen as flowing steadily downwards through several phases.

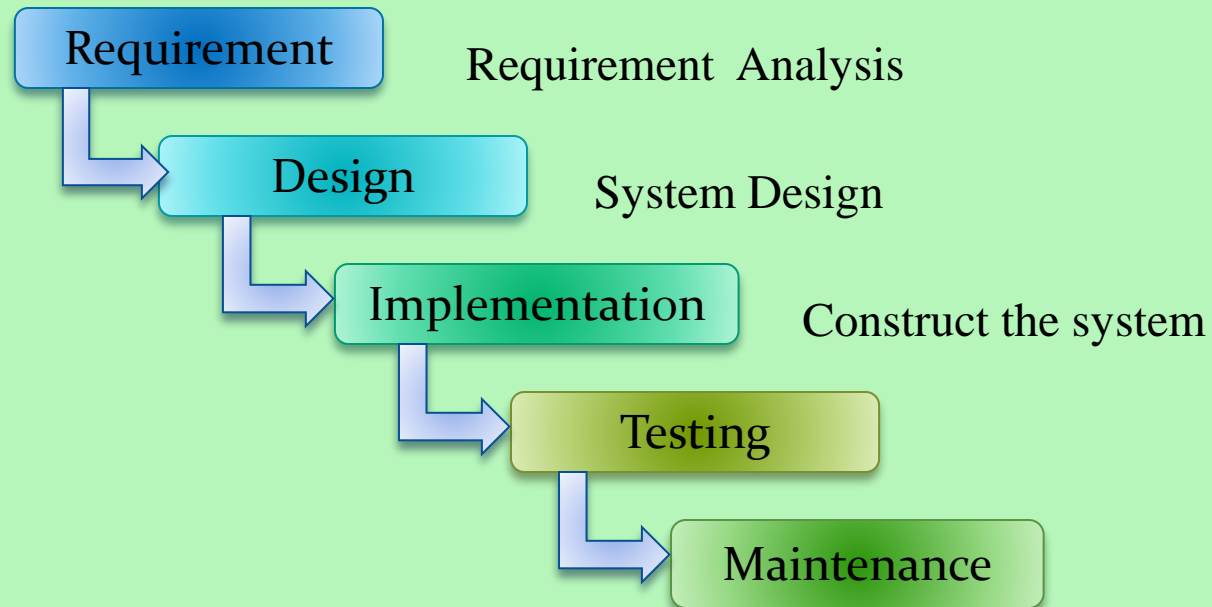


Fig: Waterfall Method

## ❑ Methodology (continued):

### ▪ Requirement Gathering Stage:

During this phase, detailed requirements of our website to be developed are gathered according to tourists demand.

### ▪ Design Stage:

After requirement analysis we plan the language HTML, CSS, Bootstrap for the making of front-end.

And database MySQL for creating contact table as needed.

## ❑ Methodology (continued):

Website Testing:

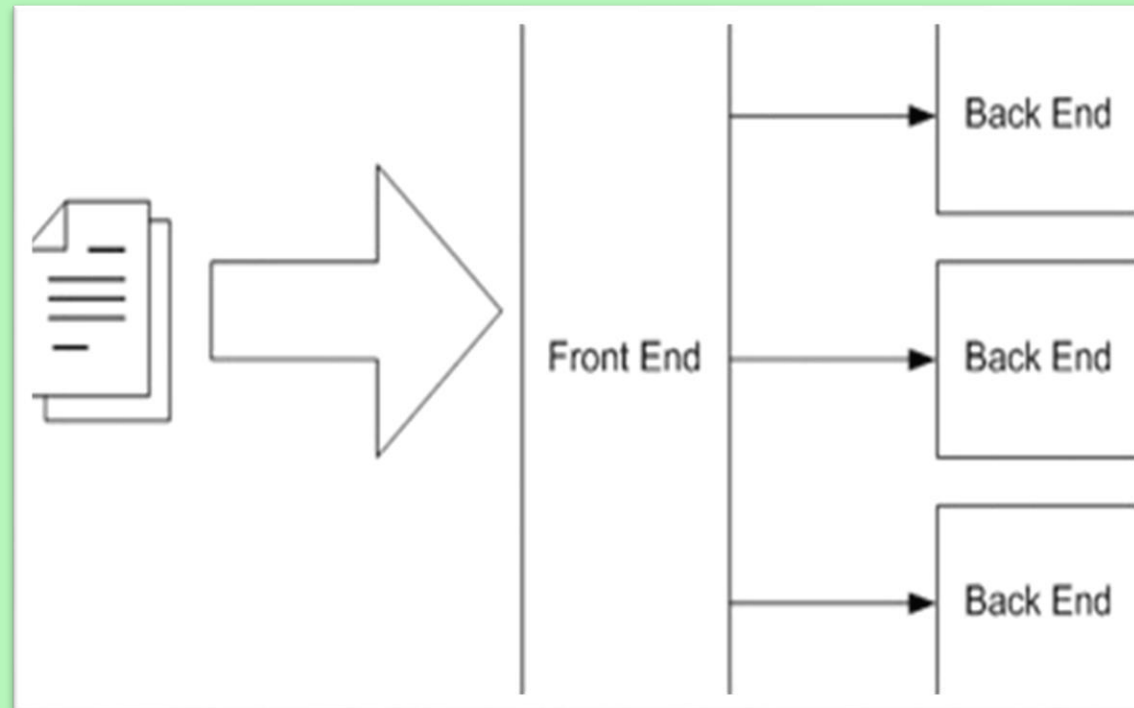
1. Functionality Testing
2. Usability Testing
3. Interface Testing
4. Database Testing
5. Compatibility Testing

### ■ Maintenance Stage:

It is the important phase. After the website is ready to use, we may later require change the code as per users feedbacks.

## ❑ Design & Development:

Designing a project is a process that aims to generate sustainable ideas for project development and create an action plan for successful realization of those ideas. It is a challenging task that develops a project according to the design.





## ❑ Design & Development (continued):

### Development:

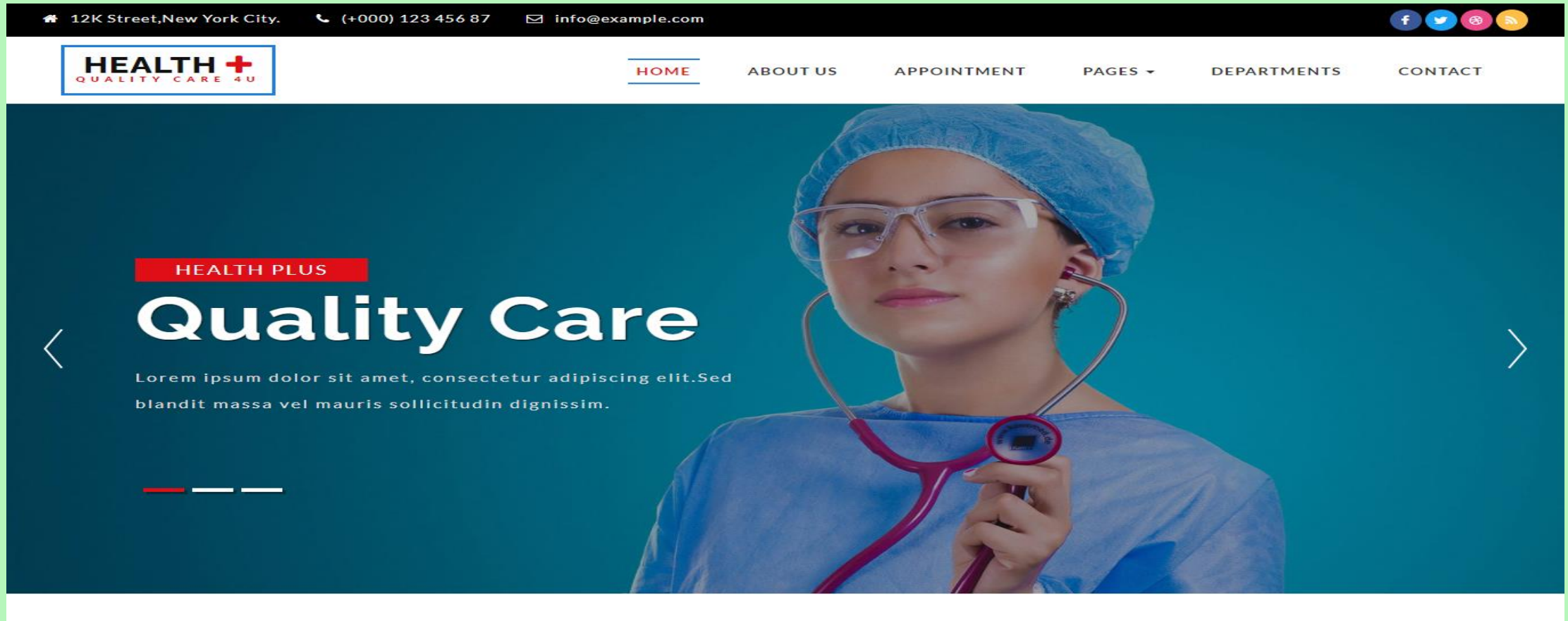
In the case of development, is design module is coded.

Here, we develop the front end by using the languages we have planned. In the back end ,

- We create a contact table in MySQL database at the localhost.
- Then we connect the contact form to the database by contact.php file.
- So, the form data can be controlled and observed by the admin of our website by using the admin.php file.

# ❑ Implementation:

## ➤ Home Page



Description: Home page of our website

## ❑ Implementation (continued):

### Our Departments

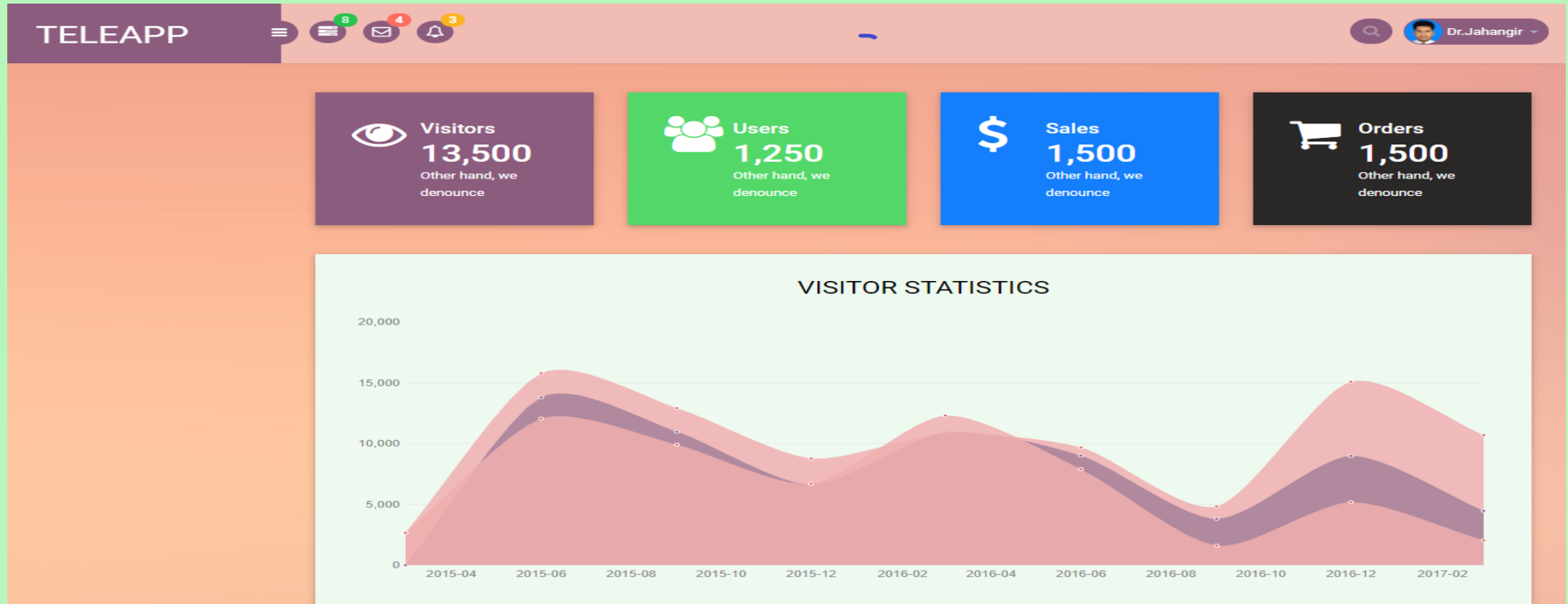
Add Short Description

Neurology	+
Dental	+
Eye Care	+
Baby Care	+

**Description:** Details of available services

# ❑ Implementation (continued):

## ➤ Admin & Dashboard



**Description:** Details of doctors & patients

# ❑ Implementation (continued):

**TELEAPP**

8 4 3

Dr.Jahangir

**ADD DOCTORS**

**Full Name :**

**Address :**

**Contact :**

**Email :**

**Expert in :**

**Fee :**

**Status :** ☐ Maiden ☐ Hidden

☐ Remember me

**Sign in**

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**Sidebar Menu:**

- Dashboard
- Doctors-Info
- Patient-Info
- Chats-Info
- Video-Call
- Login-Page

**Description:** Details of adding doctors

# ❑ Implementation (continued):

**TELEAPP**

8 4 3

Dr.Jahangir

### VIEW DOCTORS

ID	Full Name	Address	Contact	Email	Expert in	Fee	Status	Action
1	Dr. Jahangir Alom	Chittagong	01876655555	sonir@gmail.com	--Expert in--	600	Maiden	<a href="#">Edit</a> <a href="#">Delete</a>
2	Dr. Forkan	Rajshahi	0186678900	forkan.ban@gmail.com	Neuromedicine	700	Maiden	<a href="#">Edit</a> <a href="#">Delete</a>
3	Dr. Jahangir Alom	Chittagong	01876655555	jahangir@gmail.com	Physical Medicine	1000	Maiden	<a href="#">Edit</a> <a href="#">Delete</a>
4	Dr. M Hasan	Khulna	01876655555	azad.ece13@gmail.com	Gynae Obstetrics	800	Maiden	<a href="#">Edit</a> <a href="#">Delete</a>

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**Description:** Details of doctors view

# ❑ Implementation (continued):

The screenshot displays the 'TELEAPP' web interface. On the left is a dark sidebar with navigation links: Dashboard, Doctors-Info, Patient-Info, Chats-Info, Video-Call, and Login-Page. The top header is purple with the 'TELEAPP' logo, a menu icon, and notification icons for messages (8), email (4), and alerts (3). On the right of the header is a search icon and a user profile for 'Dr. Jahangir'. The main content area is titled 'CHOOSE DOCTORS' and contains a form with the following fields:

- Dr. Name:** Dr. Jahangir Alom (dropdown)
- Mobile:** 01876655555 (dropdown)
- Department:** (dropdown)
- Fee:** 600 (dropdown)
- Your Name:** MD Forkan (text input)
- Mobile:** 0198765433 (text input)
- Email:** atik@gmail.com (text input)
- Gender:** (dropdown)
- Symptoms:** Pain of body (text input)
- Date:** 12/13/2020 (date picker)
- Time:** (dropdown)
- Payment:** (dropdown)

Below the form fields is a checkbox for 'Remember me' and a red 'Update' button. The footer contains the text: © 2020 Visitors. All rights reserved | Design by Runtime Error.

Description: Chose doctors & appointment

# ❑ Implementation (continued):

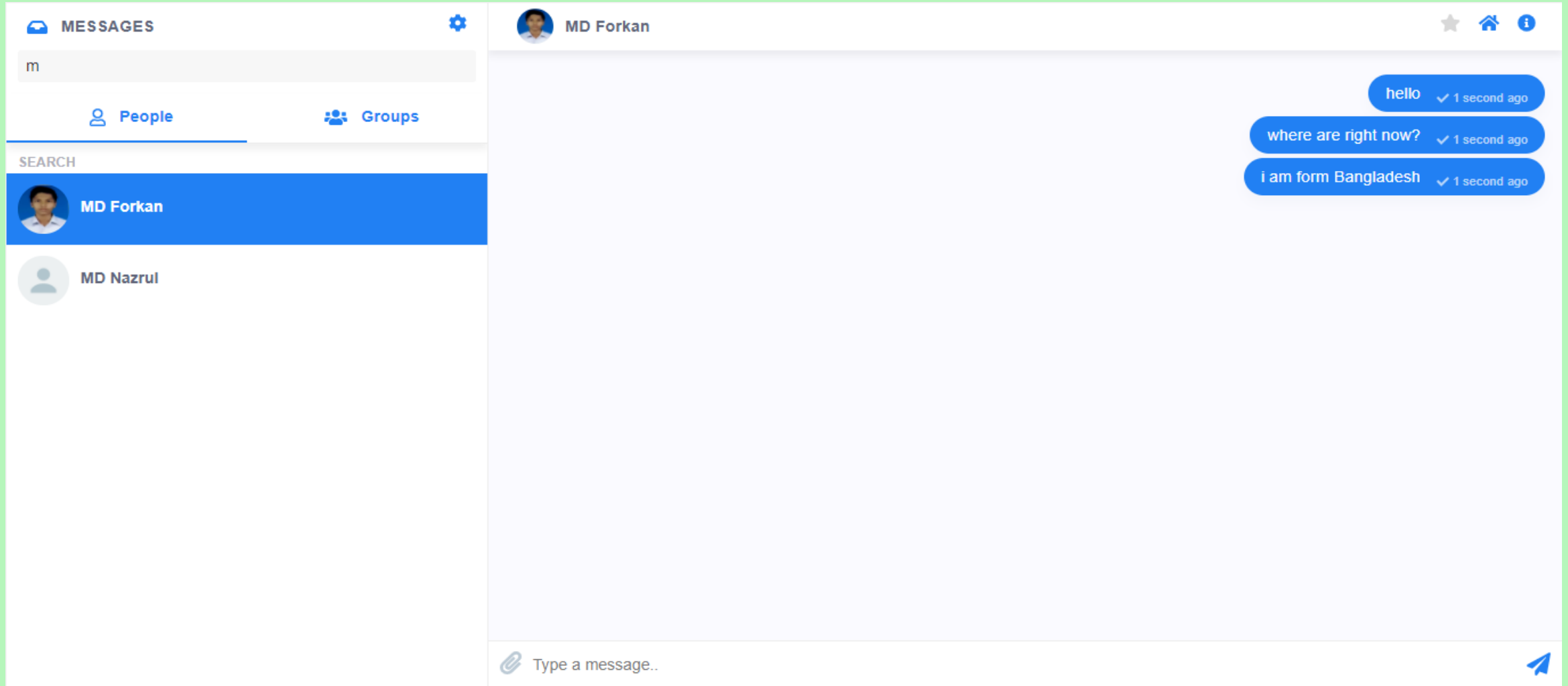
VIEW PATIENTS & DOCTORS DETAILS													
ID	Dr. Name	Contact	Department	Fee	Your Name	Mobile	Email	Gender	Symptoms	Date	Time	Payment	Action
1	Dr. Jahangir Alom	01876655555	Gynae Obstetrics	600	MD Forkan	0198765433	atik@gmail.com	Female	Pain of body	2020-12-13	11.00am-12.00pm	bKash	<a href="#">Edit</a> <a href="#">Delete</a>
2	Dr. Jahangir Alom	01876655555	Orthopedic	800	MD Forkan	98763	atik@gmail.com	Male	Pain of body	2020-12-02	10.00am-11.00am	bKash	<a href="#">Edit</a> <a href="#">Delete</a>
3	Dr. Forkan	01876655555	Child Expert	1000	MD Forkan	800568439	sonir@gmail.com	Male	Pain of body	2020-12-14	10.00am-11.00am	DBBL Rocket	<a href="#">Edit</a> <a href="#">Delete</a>
4	Dr. M Hasan	0186678900	Psychology	700	MD Forkan	18977060	atik@gmail.com	Male	Pain of body	2020-12-16	10.00am-11.00am	DBBL Rocket	<a href="#">Edit</a> <a href="#">Delete</a>
5	Dr. Jahangir Alom	01876655555	Psychology	600	MD Forkan	0176895434	forkan@gmail.com	Male	Pain of body	2020-12-16	10.00am-11.00am	bKash	<a href="#">Edit</a> <a href="#">Delete</a>
6	Dr. Jahangir Alom	01876655555	Orthopedic	1000	MD Forkan	0198877666	forkan.ban@gmail.com	Male	Pain of body	2020-12-16	10.00am-11.00am	bKash	<a href="#">Edit</a> <a href="#">Delete</a>

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Description: View patient & doctors



# ❑ Implementation (continued):



**Description: Message & chat**

## □ Conclusion:

**Telemedicine** is an exciting technology and continues to hold the promise of ... **means** of harnessing the technology, which will in turn ease the underlying pres- ... **Internet**. ADSL allows more data at high speeds to be sent over existing copper ... **short** distances (using **short**-wavelength UHF radio waves in the ISM band).

The image features a light green background with a decorative header of wavy blue and teal lines. In the center, a light blue diamond shape with a 3D effect and a darker blue shadow is positioned. Two thin horizontal lines extend from the left and right sides of the diamond. The text "Thank You" is written in a black, serif font across the center of the diamond.

Thank You