

1. Name: Xiaotong Diao

2. Title: Healthcare Service

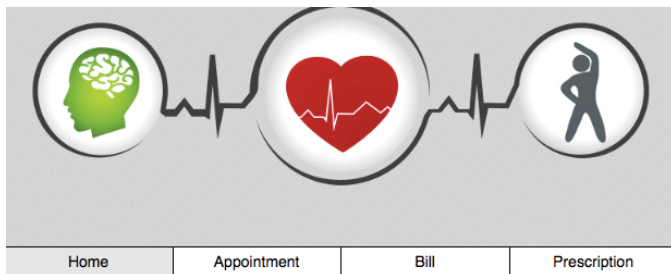
3. Project Summary: A healthcare service website that patients can schedule appointments and pay bills, and doctors can send prescriptions to patients. We will set up for several patients and one doctor.

4. Project Requirements:

Requirement	ID
patients can signup	UR-01
patients, doctors, admin can log in	UR-02
Patients can search for available scheduling session by doctor's name	UR-03
Patients can view all available sessions	UR-04
Patients can schedule an appointment	UR-05
Patients can cancel an appointment	UR-06
Patients can view bill	UR-07
Patients can pay bill	UR-08
Patients can choose insurance	UR-09
Patients can view prescription form	UR-10
Admin can search a patient by name	UR-11
Admin can add a doctor	UR-12
Admin can delete a doctor	UR-13
Admin can view a patient's appointment	UR-14
Admin can add bill information	UR-15
Doctors can cancel appointment	UR-16
Doctors can add available session	UR-17
Doctors can delete available session	UR-18
Doctor can add prescription	UR-19

5. UI Mockups:

Patients:



Home Appointment Bill Prescription

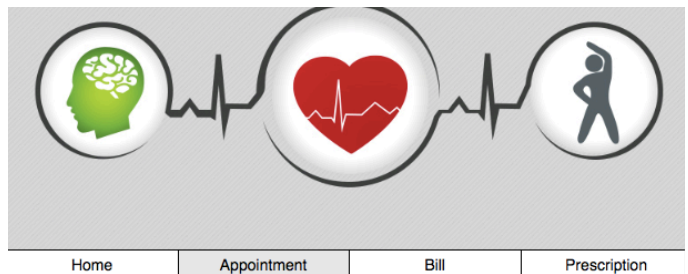
Account Information

Login ID: 12435245

Name: Ruby Paul

Address: xxxxxx

Phone Number: 720-244-2458



Home Appointment Bill Prescription

Search for appointment

year month day time doctor's name

2018.03.14 8:00 am Dr. Mark Smith [schedule](#)

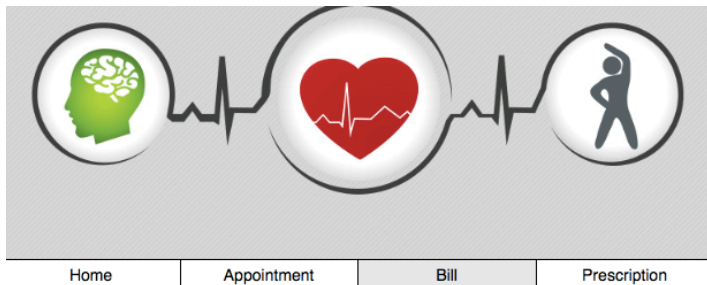
2018.03.14 9:00 am Dr. Mark Smith [schedule](#)

2018.03.14 1:00 pm Dr. Daniel Martin [schedule](#)

2018.03.14 3:00 pm Dr. Mark Smith [schedule](#)

My appointment

2018.02.14 8:00 am Dr. Mark Smith [cancel](#)



Home Appointment Bill Prescription

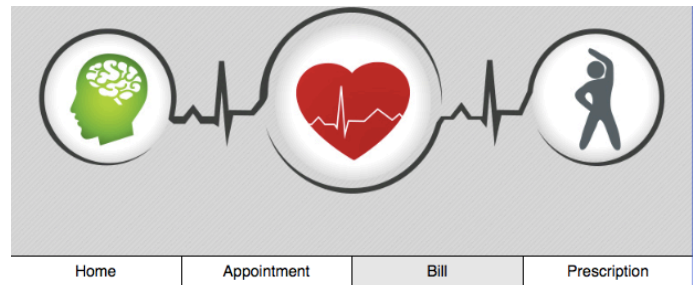
Bill Information

Appointment date: 2018-05-23 12:00

Doctor: William Martin

Bill: 75.00\$

[Pay](#)






Home Appointment Bill Prescription

Select Insurance

insurance

Total Amount you need to Pay: 20\$ [Pay](#)



Home

Appointment

Bill

Prescription

Prescription




Appointment date: 2018-05-23 12:00

Doctor: William Martin

Diagnosis: xxxxx

Medicine: xxxxx

Admin:



Patients

Appointment

Doctors

Search for Patient

Id: xxxxx

Name: xxx




Address:xxx

Phone:xxx

Appointment id: xxxx Date:xxx Doctor:xxx paid

Appointment id: xxxx Date:xxx Doctor:xxx unpaid

Add Bill



Patients

Appointment

Doctors

Enter Bill

Total Amount

Add Bill



Patients Appointment Doctors

Search Appointment

Patient's Name	Doctor's Name	Date
<input type="text" value="Name"/>	<input type="text" value="Name"/>	<input type="text" value="2018.4.2 11:00"/>



Patients Appointment Doctors

Add Doctor

<input type="text" value="Name"/>	<input type="text" value="phone"/>	<input type="text" value="title"/>	<input type="button" value="Add"/>
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Delete Doctor

<input type="text" value="Name"/>	<input type="button" value="Search"/>
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Id: xxxxx Name: xxx Phone:xxx title:xxx

Doctors:



Session Appointment

Add Session

<input type="text" value="year"/>	<input type="text" value="month"/>	<input type="text" value="day"/>	<input type="text" value="time"/>	<input type="button" value="Add"/>
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Delete Session

<input type="text" value="year"/>	<input type="text" value="month"/>	<input type="text" value="day"/>	<input type="text" value="time"/>	<input type="button" value="Search"/>
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2018.3.5 2:00 pm

2018.5.6 8:00 am



Session Appointment

Incoming Appointment

2018.3.5 2:00 pm

2018.5.6 8:00 am

Add Prescription

2018.1.5 2:00 pm xxx

2018.2.6 8:00 am xxx



2018.1.5 2:00 pm xxx

Diagnosis

Medicine

Add

6. Class Diagram:

