

CS427 Team 7 – Rebel Scrum

Manual Test Plans for all UC's

UC91 - S1

First, you must input:
First name, Last name,
Email, Password.

Next, press the 'Register'
button to add this patient into
the database.

You should be greeted with
a success message giving
a new MID for the patient and
directions on how you may
proceed.

iTrust - Login - Mozilla Firefox (on fa19-cs427-135)

localhost:8080/iTrust/auth/forwardUser.jsp

iTrust

Pre-register

Personal Information

First name *
hello

Last name *
there

Email *
hello@gmail.com

Password *
●●

Verify password *
●●

111 W st

Address 2

City
Urbana

State
Illinois

Zip
61801

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.0

iTrust - Login - Mozilla Firefox (on fa19-cs427-135)

localhost:8080/iTrust/auth/forwardUser.jsp

iTrust

Phone (XXX-XXX-XXXX)
Height (in inches)
Weight (in pounds)
I'm a smoker: ☒
Insurance Information
Provider Name
Foo Barr
Address 1
Address 2
City
State
Select a State
Zip
Phone (XXX-XXX-XXXX)

Register

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.0

iTrust - Pre-register - Mozilla Firefox (on fa19-cs427-135)

localhost:8080/iTrust/preRegister.jsp

iTrust

Login

MID
9000000000

Password
●●

Login

Reset Password

Sample Users

LT 1	LT 2
Patient 1	Patient 2
Patient 5	Patient 22
HCP 1	HCP 3
HCP 7	UAP
ER	PHA
Admin	Tester
ObHCP0	OptHCP0
OphHCP0	

Pre-register

Personal Information

First name *
Last name *
Email *

Pre-Registration Successful!

You have been successfully pre-registered. Your MID (username) is **411**. You can log in with your MID and password and edit some personal information, but you will need a health care provider (HCP) to activate your account in order to use the iTrust medical system.

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.0

UC91 - S2

When pre-registering a new patient, outside of the required details denoted with a red asterisk, the user is able to fill in a variety of other information to provide their HCP with.

iTrust - Login - Mozilla Firefox (on fa19-cs427-135)

iTrust - Login

localhost:8080/iTrust/auth/forwardUser.jsp

iTrust

Phone (XXX-XXX-XXXX)

Height (in inches)

Weight (in pounds)

I'm a smoker: ☒

Insurance Information

Provider Name

Foo Barr

Address 1

Address 2

City

State

Select a State

Zip

Phone (XXX-XXX-XXXX)

Register

If you don't do it excellently, don't do it at all.

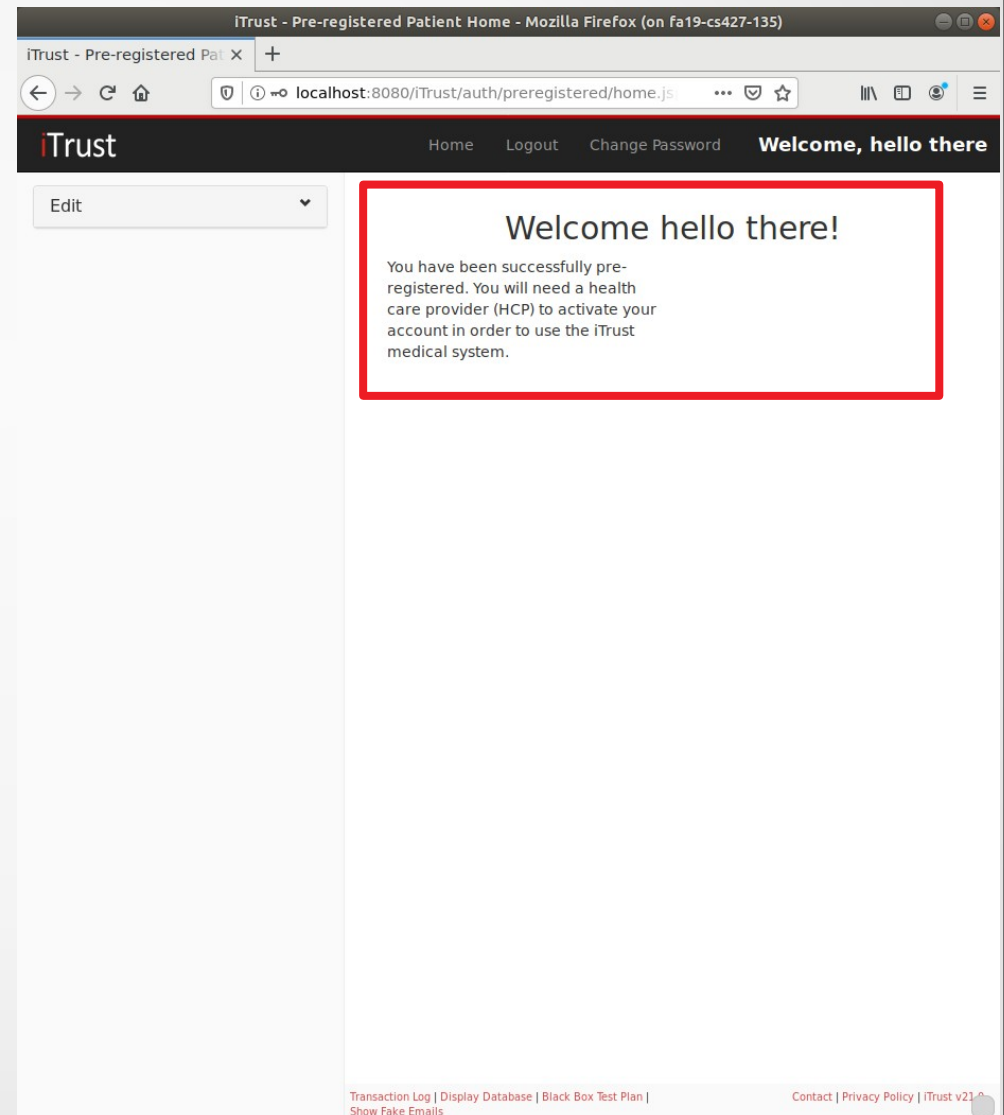
- QUOTES BY DR. JENKINS

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.0

UC91 - S3

Using the MID provided after successfully pre-registering a patient, that patient can then log in, but will only see the following message displayed.



UC91 - S4

After logging in as a pre-registered patient, the only action available is to change the patient's password

If successful, 'Password Changed' should be displayed. Otherwise a message concerning incorrect password format with display.

iTrust - Change Password - Mozilla Firefox (on fa19-cs427-135)

localhost:8080/iTrust/auth/changePassword.jsp

iTrust Home Logout **Change Password** Welcome, hello there

Edit

Change Password

Your new password must be 5-20 alphanumeric characters and contain a letter and a number.

Old Password:

New Password:

Confirm:

Change Password

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21

iTrust - Change Password - Mozilla Firefox (on fa19-cs427-135)

localhost:8080/iTrust/auth/changePassword.jsp

iTrust Home Logout Change Password Welcome, hello there

Edit

Change Password

Your new password must be 5-20 alphanumeric characters and contain a letter and a number.

Password Changed.

Old Password:

New Password:

Confirm:

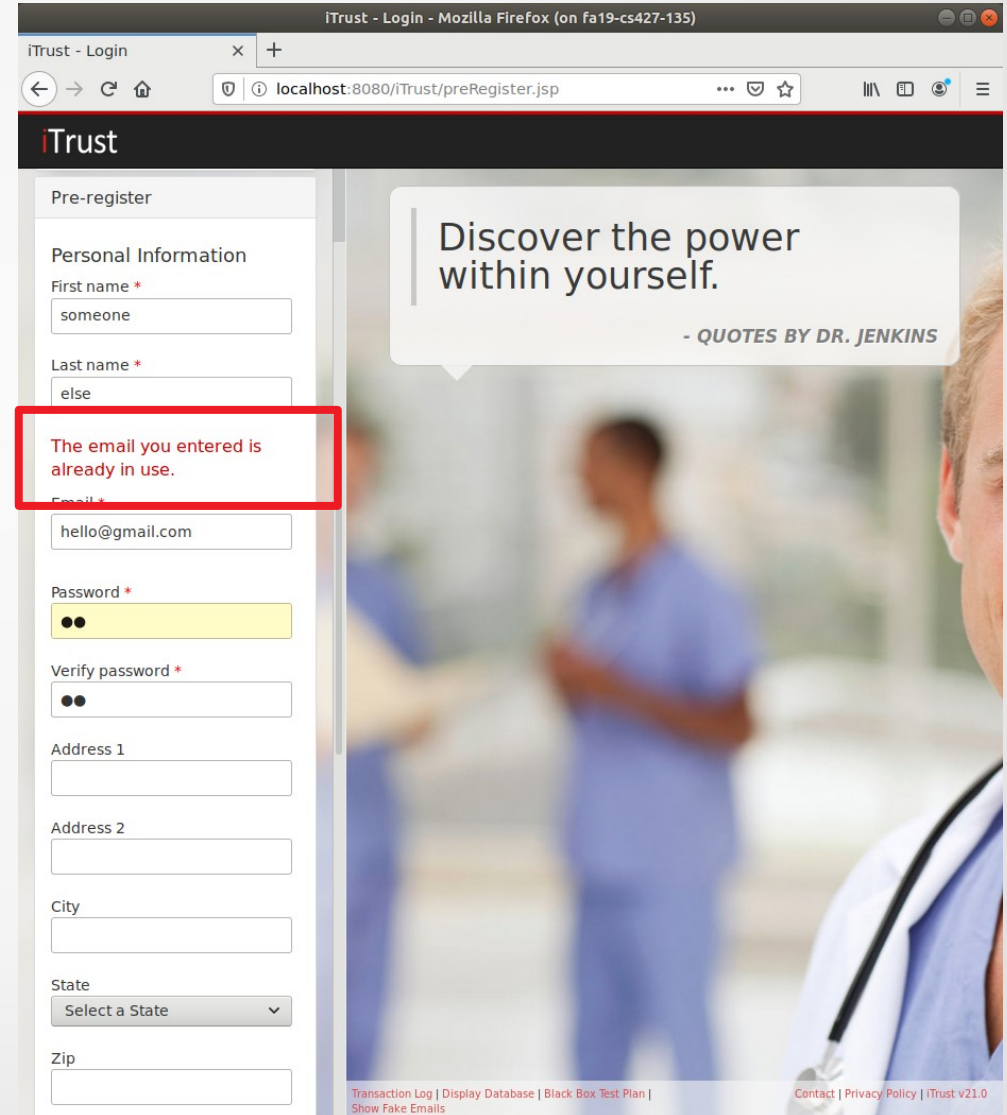
Change Password

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21

UC91 - E1

When entering information to pre-register a patient, if the email you provide matches an email already in the database, the message, “The email you entered is already in use.” should be displayed and the registration should not succeed.



The screenshot shows a web browser window titled "iTrust - Login" with the address bar displaying "localhost:8080/iTrust/preRegister.jsp". The page features a "Pre-register" form on the left and a promotional banner on the right. The form includes fields for "Personal Information" (First name, Last name, Email, Password, Verify password, Address 1, Address 2, City, State, Zip). The "Email" field contains "hello@gmail.com". A red rectangular box highlights the error message: "The email you entered is already in use." The promotional banner on the right says "Discover the power within yourself. - QUOTES BY DR. JENKINS". The footer contains links for "Transaction Log", "Display Database", "Black Box Test Plan", "Show Fake Emails", "Contact", "Privacy Policy", and "iTrust v21.0".

iTrust - Login

localhost:8080/iTrust/preRegister.jsp

iTrust

Pre-register

Personal Information

First name *

someone

Last name *

else

The email you entered is already in use.

Email *

hello@gmail.com

Password *

Verify password *

Address 1

Address 2

City

State

Select a State

Zip

Discover the power within yourself.

- QUOTES BY DR. JENKINS

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.0

UC92 - S1

First, you must log in as an HCP.

Then, select the 'Pre-registered Patient' option from the "Patient Info" menu on the left side of the screen

You should see a list of all pre-registered patients, with their names, addresses, and date of last office visit (if applicable).

The screenshot shows the iTrust web application interface. The browser title is "iTrust - Pre-registered Patients - Mozilla Firefox (on fa19-cs427-135)". The address bar shows "localhost:8080/iTrust/auth/hcp-uap/List_PRPat". The page has a dark header with the iTrust logo, navigation links (Home, Logout, Change Password), and a welcome message "Welcome, Kelly Doctor".

On the left side, there is a "Patient Info" menu with the following items: All Patients, Basic Health Information, Patient Information, PHR Information, Representatives, Immunization Report, Emergency Patient Report, My Report Requests, Records Release Requests, Chronic Disease Risks, Diagnosis Trends, Cause of Death Trends, Group Report, Patient Dependency, Pre-registered Patient (highlighted with a red box), Audit Patients, Patient Food Diaries, Patient Macronutrient Intake, Patient Exercise Diaries, and Patient Sleep Diaries.

The main content area is titled "Pre-registered Patients" and contains a table with the following data:

Patient	Address	Last Visit
Bo Zeng	1333 Who Cares Road Suite 102 Raleigh NC 27606-1234	
hello there	111 W st Urbana IL 61801	
b b	AK	
p p	AK	
m m	AK	

At the bottom of the page, there is a footer with links: Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails, and Contact | Privacy Policy | iTrust v21.

UC92 - S2

First, you must log in as an HCP.

Then, you must navigate to the pre-registered patients page.

Then, you must click on the name of a pre-registered patient.

You should see the following information displayed for the pre-registered patient.

The screenshot displays the iTrust web application interface. The browser window title is "iTrust - Edit Personal Health Record - Mozilla Firefox (on fa19-cs427-135)". The address bar shows "localhost:8080/iTrust/auth/hcp-uap/viewprePH". The page header includes the iTrust logo, navigation links (Home, Logout, Change Password), and a welcome message "Welcome, Kelly Doctor". A sidebar on the left lists various menu items: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area features a top navigation bar with links for Health Records, Basic Health History, Demographics, Document, Office Visit, Risk Factors, Prescriptions, and Switch Patient. The primary content is a patient information form for "Bo Zeng", which is highlighted with a red border. This form includes sections for Patient Information (Name, Address, Phone, Email) and Insurance Information (Provider Name, Address, Phone). Below this, there is a "Basic Health Records" section stating "No basic health records are on file for this patient" and an "Activate Patient" section with a confirmation message and a text input field. The footer contains links for Transaction Log, Display Database, Black Box Test, and Show Fake Emails.

iTrust - Edit Personal Health Record - Mozilla Firefox (on fa19-cs427-135)

iTrust - Edit Personal Health Record X +

localhost:8080/iTrust/auth/hcp-uap/viewprePH

iTrust Home Logout Change Password Welcome, Kelly Doctor

Health Records Basic Health History Demographics Document

Office Visit Risk Factors Prescriptions Switch Patient

Patient Information

Name: Bo Zeng

Address: 1333 Who Cares Road Suite 102 Raleigh, NC 27606-1234

Phone: 919-971-0000

Email: bobo@gmail.com

Insurance Information

Provider Name:

Address: , AK

Phone:

Basic Health Records

No basic health records are on file for this patient

Activate Patient

First Name: Bo Last Name: Zeng

Are you absolutely sure you want to activate this pre-register patient? This operation can only be undone by an administrator. If you are sure, type "I UNDERSTAND" into the box below and click the button

Transaction Log | Display Database | Black Box Test | Show Fake Emails

UC92 - S3

After navigating to a pre-registered patient, an HCP can enter “I UNDERSTAND” and click the “Activate” button to activate the pre-registered patient.

Success is confirmed with the message: “Patient Successfully Activated”.

The screenshot shows the 'iTrust - Edit Personal Health Record' interface in a Mozilla Firefox browser. The URL is localhost:8080/iTrust/auth/hcp-uap/viewprePHR.jsp. The page has a dark header with 'iTrust' and 'Welcome, Kelly Doctor'. A left sidebar contains a menu with 'Patient Info', 'Appointments', 'Office Visits', 'Messaging', 'Telemedicine', 'Add', 'Personal Info', 'Obstetrics', 'Ophthalmology', and 'Other'. The main content area is titled 'Basic Health Records' and displays patient information: Height: 0.0in, Weight: 0.0lbs, Smoker?: 9 - Unknown if ever smoked, Blood Pressure: 0/0mmHg, HDL: 0 mg/dL, LDL: 0 mg/dL, Tri: 0 mg/dL, and Total: 0 mg/dL. Below this is the 'Activate Patient' section, which is highlighted with a red rectangle. It contains a form with 'First Name: z' and 'Last Name: z', a warning message: 'Are you absolutely sure you want to activate this pre-register patient? This operation can only be undone by an administrator. If you are sure, type "I UNDERSTAND" into the box below and click the button', an input field containing 'I UNDERSTAND', and an 'Activate' button. At the bottom, there is a link: 'Do you want to deactivate this patient?'. The footer includes 'Transaction Log | Display Database | Black Box Tool | Show Fake Emails'.

The screenshot shows the same iTrust interface after the patient has been activated. The 'Activate Patient' section is now replaced by a message: 'Patient Successfully Activated', which is highlighted with a red rectangle. Below the message is an 'Edit' button. The footer now includes 'Transaction Log | Display Database | Black Box Tool | Show Fake Emails' and a new button: 'Viewing information for z z | Select a Different Patient'.

UC92 - S4

After activating a pre-registered patient, the user is sent to this page and can edit more detailed information about that patient.

To commit changed to patient information, the user must click the “Edit Patient Record” button located at the bottom of the page.

The screenshot shows the 'iTrust - Edit Patient' form in a Mozilla Firefox browser. The form is titled 'Welcome, Kelly Doctor' and has a sidebar with navigation links: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area has tabs for Health Records, Basic Health History, Demographics, and Document. The 'Demographic History' tab is active, showing a 'Past Demographics' section with a 'View' button. Below this is the 'Patient Information' section, which is highlighted with a red box. It contains fields for First Name (z), Last Name (z), Email (z@gmail.com), Address, City, State (Alaska), Zip, Phone, Mother MID (0), and Father MID (0). To the right of the Patient Information section is the 'Emergency Contact' section with fields for Name and Phone. Below the Patient Information section is the 'Health Information' section with fields for Ethnicity (Not Specified), Blood Type (N/S), Gender (Not Specified), Date Of Birth (12/07/2019), Date Of Death, Cause Of Death (None Selected), and Topical Notes. At the bottom of the form, there is a status bar that says 'Viewing information for z z | Select a Different Patient'.

The screenshot shows the 'iTrust - Edit Patient' form in a Mozilla Firefox browser. The form is titled 'Welcome, Kelly Doctor' and has a sidebar with navigation links: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area has tabs for Health Records, Basic Health History, Demographics, and Document. The 'Demographic History' tab is active, showing a 'Past Demographics' section with a 'View' button. Below this is the 'Patient Information' section, which is highlighted with a red box. It contains fields for First Name (z), Last Name (z), Email (z@gmail.com), Address, City, State (Alaska), Zip, Phone, Mother MID (0), and Father MID (0). To the right of the Patient Information section is the 'Emergency Contact' section with fields for Name and Phone. Below the Patient Information section is the 'Health Information' section with fields for Ethnicity (Not Specified), Blood Type (N/S), Gender (Not Specified), Date Of Birth (12/07/2019), Date Of Death, Cause Of Death (None Selected), and Topical Notes. At the bottom of the form, there is a status bar that says 'Viewing information for z z | Select a Different Patient'. The 'Edit Patient Record' button is highlighted with a red box.

UC92 - S5

To deactivate a pre-registered patient, click the link below the “Activate” button after selecting a specific pre-registered user to remove.

The screenshot shows the 'Trust' application interface. The left sidebar contains a menu with options: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area displays 'Basic Health Records' with fields for Height, Weight, Smoker?, Blood Pressure, HDL, LDL, Tri, and Cholesterol. Below this is the 'Activate Patient' section, which includes a confirmation message and an 'Activate' button. The 'Activate' button is highlighted with a red box.

Success is shown with a “Patient Successfully Deactivated” message.

The screenshot shows the 'Trust' application interface. The left sidebar contains a menu with options: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area displays the 'Deactivate Patient' page. A red box highlights the message 'Patient Successfully Deactivated'.

You must confirm the intention to deactivate the pre-registered patient by typing “I UNDERSTAND” and clicking the “Deactivate Patient” button.

The screenshot shows the 'Trust' application interface. The left sidebar contains a menu with options: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area displays the 'Deactivate Patient' page. A red box highlights the 'Deactivate Patient' button.

When checking the list of pre-registered patient again, the deactivated patient should not appear.

The screenshot shows the 'Trust' application interface. The left sidebar contains a menu with options: Patient Info, Appointments, Office Visits, Messaging, Telemedicine, Add, Personal Info, Obstetrics, Ophthalmology, and Other. The main content area displays the 'Pre-registered Patients' list. A red box highlights the 'Deactivated Patient'.

Patient	Address	Last Visit
Bo Zeng	1333 Who Cares Road Suite 102 Raleigh NC 27606-1234	
hello there	111 W st Urbana IL 61801	
b b	AK	
p p	AK	
m m	AK	

UC14 - S1

Log in as an HCP.

Click on the “Diagnosis Trends” option in the “Patient Info” menu on the left side.

Choose “Epidemics” from the drop down menu.

Choose “Malaria” from the drop down menu of “Diagnosis”.

Enter the zip code, date, and threshold which will be the conditions under which to search for the existence of a Malaria epidemic.

Check the text which appears on the screen below the search box for an answer to whether a Malaria Epidemic in the given region during the given date range, above the threshold.

The screenshot shows a web application interface for "Epidemic Evaluation". At the top, a dark navigation bar contains links for "Home", "Logout", "Change Password", and a welcome message "Welcome, Kelly Doctor". Below this, a red box highlights a navigation menu with "Epidemics" selected and a "Go" button. The main content area features a form with the following fields: "Diagnosis:" with a dropdown menu showing "84.50 - Malaria", "Zip Code:" with the value "27607", "Start Date:" with the value "1/1/2000", a "Select Date" button, and "Threshold:" with the value "1". A "View Statistics" button is located below the form. A red box highlights the text "There is no epidemic occurring in the region." displayed below the form. At the bottom of the page, a footer contains links for "Transaction Log", "Display Database", "Black Box Test Plan", "Show Fake Emails", "Contact", "Privacy Policy", and "Trust v2.0".

Home Logout Change Password Welcome, Kelly Doctor

Epidemics Go

Epidemic Evaluation

Diagnosis: 84.50 - Malaria Zip Code: 27607

Start Date: 1/1/2000 Select Date Threshold: 1

View Statistics

There is no epidemic occurring in the region.

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails Contact | Privacy Policy | Trust v2.0

UC14 - S2

Log in as an HCP.

Click on the “Diagnosis Trends” option in the “Patient Info” menu on the left side.

Choose “Epidemics” from the drop down menu.

Choose “Influenza” from the drop down menu of “Diagnosis”.

Enter the zip code and date which will be the conditions under which to search for the existence of an Influenza epidemic.

Check the text which appears on the screen below the search box for an answer to whether an Influenza Epidemic in the given region during the given date range (checked as two weeks before OR after the date given)

The screenshot shows a web application interface for 'Epidemic Evaluation'. At the top, there is a navigation bar with links for 'Home', 'Logout', 'Change Password', and a welcome message 'Welcome, Kelly Doctor'. Below this, a sidebar on the left contains a dropdown menu with 'Epidemics' selected. The main content area features a form with the following fields: 'Diagnosis' (a dropdown menu showing '487.00 - Influenza'), 'Zip Code' (a text input field with '27607'), and 'Start Date' (a text input field with '01/01/2000' and a 'Select Date' button). A 'View Statistics' button is located below the 'Start Date' field. A red box highlights the 'Epidemics' dropdown in the sidebar. Another red box highlights the 'Diagnosis' dropdown menu. A third red box highlights the text 'There is no epidemic occurring in the region.' which appears below the search fields. At the bottom of the page, there is a footer with links for 'Transaction Log', 'Display Database', 'Black Box Test Plan', 'Show Fake Emails', 'Contact', 'Privacy Policy', and 'Trust v2'.

Epidemics ▾ Go

Epidemic Evaluation

Diagnosis: 487.00 - Influenza ▾ Zip Code: 27607

Start Date: 01/01/2000 Select Date

View Statistics

There is no epidemic occurring in the region.

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails | Contact | Privacy Policy | Trust v2

UC14 - S3

Log in as an HCP.

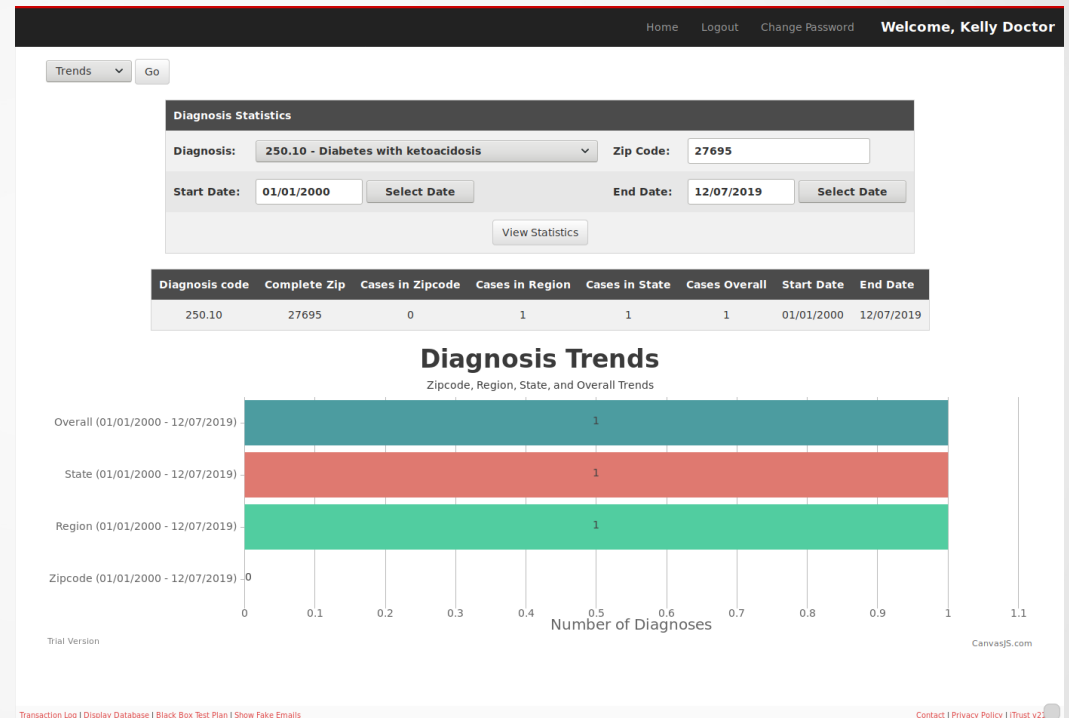
Click on the “Diagnosis Trends” option in the “Patient Info” menu on the left side.

Choose “Trends” from the drop down menu.

Choose one from the drop down menu of “Diagnosis”.

Enter the zip code and date range which will be the conditions under which to search for the existence of any diagnoses.

Text and a graph will display the information of Cases of the diagnosis during the date range.



UC14 - E1

When searching for diagnosis trends, if no diagnosis code is selected under “Diagnosis”, then the user will be prompted to try again by a meaningful error message.

The screenshot displays a web application interface. At the top, a navigation bar includes links for Home, Logout, Change Password, and a welcome message for Kelly Doctor. Below this, a search section features a 'Trends' dropdown and a 'Go' button. A red-bordered box highlights an error message: 'Information not valid' with the subtext 'ICDCode must be valid diagnosis code. Please try again.' Below the error, a search form is visible. The 'Diagnosis' field is a dropdown menu currently showing '-- None Selected --', which is also highlighted with a red box. Other fields include 'Zip Code' (27607), 'Start Date' (1/1/2000), and 'End Date' (12/07/2019), each with a 'Select Date' button. A 'View Statistics' button is located at the bottom of the form. The footer contains links for Transaction Log, Display Database, Black Box Test Plan, Show Fake Emails, Contact, Privacy Policy, and Trust v2.

Home Logout Change Password Welcome, Kelly Doctor

Trends Go

Information not valid
ICDCode must be valid diagnosis code. Please try again.

Diagnosis: -- None Selected -- Zip Code: 27607

Start Date: 1/1/2000 Select Date End Date: 12/07/2019 Select Date

View Statistics

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails Contact | Privacy Policy | Trust v2

UC14 - E2

When searching for diagnosis trends, if an invalid zip code is input under “Zip Code”, then the user will be prompted to try again by a meaningful error message.

The screenshot displays a web application interface for searching diagnosis trends. At the top, a navigation bar includes links for Home, Logout, Change Password, and a welcome message for Kelly Doctor. Below the navigation bar, there is a search section with a 'Trends' dropdown menu and a 'Go' button. A red box highlights an error message that reads 'Information not valid' and 'Zip Code must be 5 digits. Please try again.' Below this, the 'Diagnosis Statistics' section is visible. It contains a 'Diagnosis' dropdown menu set to '250.10 - Diabetes with ketoacidosis', a 'Zip Code' input field with the value '5' (highlighted by a red box), 'Start Date' and 'End Date' fields with values '1/1/2000' and '12/07/2019' respectively, and 'Select Date' buttons for each. A 'View Statistics' button is located at the bottom of this section. The footer of the page includes links for Transaction Log, Display Database, Black Box Test Plan, Show Fake Emails, Contact, Privacy Policy, and ITTrust v2.

Home Logout Change Password Welcome, Kelly Doctor

Trends Go

Information not valid
Zip Code must be 5 digits. Please try again.

Diagnosis Statistics

Diagnosis: 250.10 - Diabetes with ketoacidosis Zip Code: 5

Start Date: 1/1/2000 Select Date End Date: 12/07/2019 Select Date

View Statistics

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails Contact | Privacy Policy | ITTrust v2

UC14 - E3

When searching for diagnosis trends, if an invalid zip code is input under “Zip Code”, then the user will be prompted to try again by a meaningful error message.

Home Logout Change Password Welcome, Kelly Doctor

Trends Go

Information not valid
Start date must be before end date. Please try again.

Diagnosis Statistics

Diagnosis: 250.10 - Diabetes with ketoacidosis Zip Code: 27607

Start Date: 1/1/3000 Select Date End Date: 12/07/2019 Select Date

View Statistics

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v2.1

UC20 - S1/S2/S3

Log in as HCP. Select “Cause of Death Trends” from “Patient Info” menu. Input date range to check for deaths which may have occurred.
Click “View Statistics”.

A graph should display showing the 2 most common Causes of death for each of the six patient groups:
The logged in HCP's all/male/female patients.
All HCP's all/male/female patients.

The screenshot shows the iTrust web application interface. The left sidebar contains a menu with items like 'All Patients', 'Basic Health Information', 'Patient Information', 'PHR Information', 'Representatives', 'Immunization Report', 'Emergency Patient Report', 'My Report Requests', 'Records Release Requests', 'Chronic Disease Risks', 'Diagnosis Trends', 'Group Report', 'Patient Dependency', 'Pre-registered Patient', 'Audit Patients', 'Patient Food Diaries', 'Patient Macronutrient Intake', 'Patient Exercise Diaries', and 'Patient Sleep Diaries'. The 'Cause of Death Trends' item is highlighted. The main content area shows the 'Cause of Death Statistics' page with a date range selector (Start Date: 1/1/2000, End Date: 12/01/2019) and a 'View Statistics' button.

The screenshot shows the '2 Most Common Causes of Death' page. It displays six tables showing the top two causes of death for different patient groups. The tables are organized into three rows and two columns. The first column shows data for 'Your Patients' and the second column shows data for 'All Patients'. Each row represents a different patient group: 'All Genders', 'Female Only', and 'Male Only'. The tables show the 'Diagnosis Code', 'Diagnosis Name', and 'Quantity of Deaths'.

Your Patients (All Genders)		
Diagnosis Code	Diagnosis Name	Quantity of Deaths
250.10	Diabetes with ketoacidosis	1
N/A	N/A	0

All Patients (All Genders)		
Diagnosis Code	Diagnosis Name	Quantity of Deaths
250.10	Diabetes with ketoacidosis	1
N/A	N/A	0

Your Patients (Female Only)		
Diagnosis Code	Diagnosis Name	Quantity of Deaths
N/A	N/A	0
N/A	N/A	0

All Patients (Female Only)		
Diagnosis Code	Diagnosis Name	Quantity of Deaths
N/A	N/A	0
N/A	N/A	0

Your Patients (Male Only)		
Diagnosis Code	Diagnosis Name	Quantity of Deaths
250.10	Diabetes with ketoacidosis	1
N/A	N/A	0

All Patients (Male Only)		
Diagnosis Code	Diagnosis Name	Quantity of Deaths
250.10	Diabetes with ketoacidosis	1
N/A	N/A	0

UC20 - E1

When searching for Cause of Death Statistics, if an invalid date is entered, then a meaningful message about the error will be displayed.

The screenshot displays a web application interface. At the top, a dark navigation bar contains links for Home, Logout, and Change Password, along with a user greeting: "Welcome, Kelly Doctor". Below this, a section titled "Cause of Death Statistics" features a search form. The form includes two date input fields: "Start Date" with the value "1/1/3000" and "End Date" with the value "12/01/2019". Each input field is accompanied by a "Select Date" button. A "View Statistics" button is positioned below the date fields. A red-bordered box highlights an error message: "Dates provided were incorrectly formatted or invalid. Please re-try search with valid input." At the bottom of the page, a footer contains links for Transaction Log, Display Database, Black Box Test Plan, and Show Fake Emails on the left, and Contact, Privacy Policy, and ITTrust v2.1 on the right.

Home Logout Change Password Welcome, Kelly Doctor

Cause of Death Statistics

Start Date: 1/1/3000 Select Date End Date: 12/01/2019 Select Date

View Statistics

Dates provided were incorrectly formatted or invalid. Please re-try search with valid input.

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | ITTrust v2.1

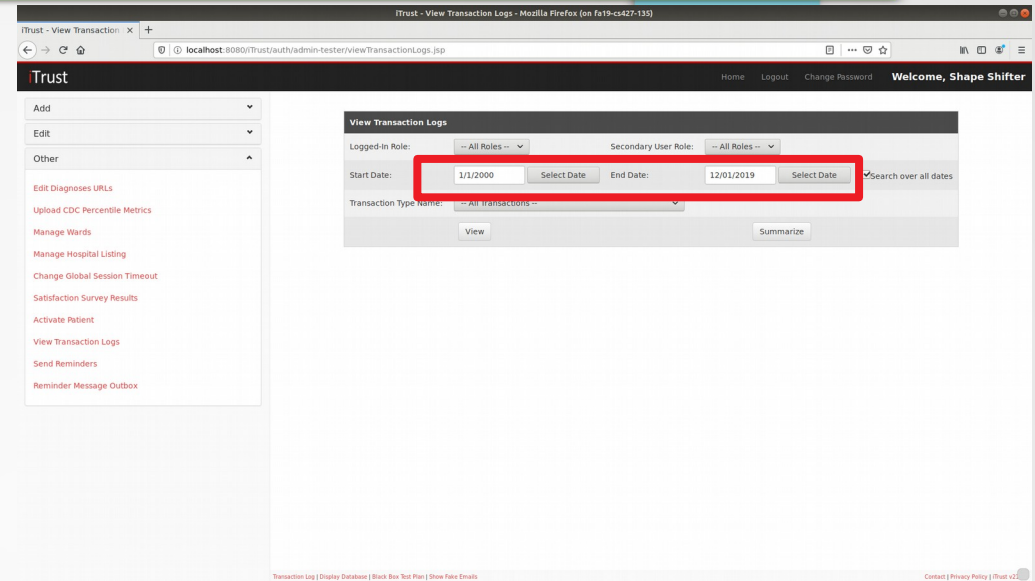
UC39 - S1/S2

Log in as an admin.

Select “View Transaction Logs” from the “Other” Menu on the left side of the screen.

At least, input start and end dates to view transaction logs which concern that range.

Click the “View” button on the bottom-left side.



The screenshot shows the 'iTrust - View Transaction Logs' page with the 'View' button clicked. The table displays the following data:

Logged-In User Role	Secondary User Role	Transaction Type Name	Additional Information	Time Stamp
ADMIN	null	View Transaction Logs		2019-12-07 16:06:50.0
ADMIN	null	View Transaction Logs		2019-12-07 16:05:50.0
ADMIN	null	View outbox		2019-12-07 16:05:26.0
ADMIN	null	View outbox		2019-12-07 16:04:37.0
ADMIN	null	View outbox		2019-12-07 16:03:00.0
ADMIN	null	User views homepage		2019-12-07 16:02:53.0
ADMIN	ADMIN	Login Succeeded		2019-12-07 16:02:53.0
HCP	HCP	Logged out		2019-12-07 16:02:46.0
HCP	null	View Cause of Death Trends		2019-12-07 16:00:40.0
HCP	null	View Cause of Death Trends		2019-12-07 16:00:34.0
HCP	null	View Cause of Death Trends		2019-12-07 15:59:50.0
HCP	null	View Cause of Death Trends		2019-12-07 15:59:15.0
HCP	null	User views homepage		2019-12-07 15:58:42.0

A list of anonymized transaction logs are Displayed, showing the logged in user, secondary role, transaction type name, any additional information, and the timestamp

The logs are sorted and displayed in a descending timestamp order, with the most recent timestamp displaying first.

UC39 - S1/S3

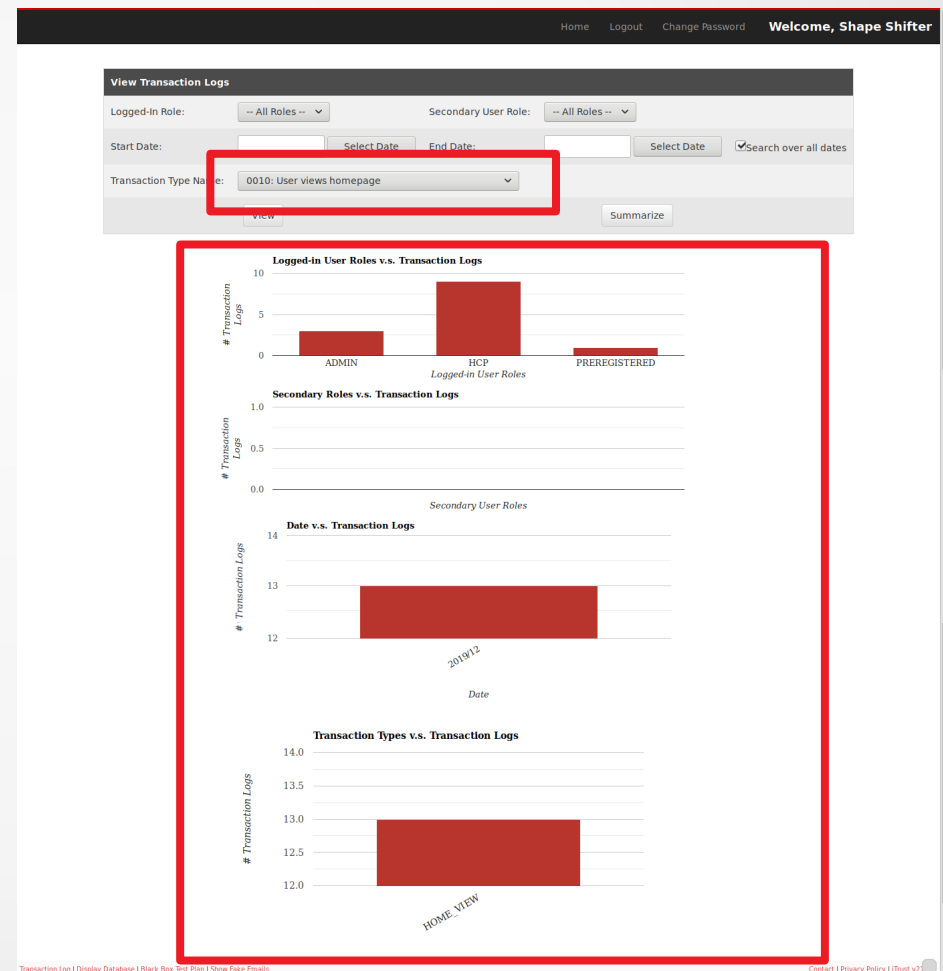
Log in as an admin.

Select “View Transaction Logs” from the “Other” Menu on the left side of the screen.

At least, input start and end dates and a transaction type name to view transaction logs which concern that range.

Click the “Summary” button on the bottom-left side.

Four graphs should appear under the search box expressing different trend information



UC41 - S1

Log in as an admin.

Select “Send Reminders” from “Others” menu on left side.

Input a number. Patients with an appointment within this number of days from the current date will be send a reminder email reminding them of their appointment.

Success shows as a “Reminders send successfully” message and can be confirmed by checking the admin’s “Reminder Message Outbox” also under the “Options” menu and fake email logs of the reminders in the “Fake Emails” list (which can be accessed by clicking the link on the bottom of the page).

Reminder Message Outbox

Fake Emails

Trust

HomeLogoutChange PasswordWelcome, Shape Shifter

Add

Edit

Other

Edit Diagnoses URLs

Upload CDC Percentile Metrics

Manage Wards

Manage Hospital Listing

Change Global Session Timeout

Satisfaction Survey Results

Activate Patient

View Transaction Logs

Send Reminders

Reminder Message Outbox

Send reminders

Send Reminders

Fill the blank with number of days to remind in advance

14

Send Appointment Reminders

Trust

HomeLogoutChange PasswordWelcome, Shape Shifter

Send reminders

Send Reminders

Fill the blank with number of days to remind in advance

Send Appointment Reminders

Reminders sent successfully

Trust - View My Sent Messages - Mozilla Firefox (en 1919-0427-133)

Trust - View My Sent Messages - Mozilla Firefox (en 1919-0427-133)

Trust

HomeLogoutChange PasswordWelcome, Shape Shifter

My Sent Messages

You have no reminders messages for outbox

Fake Emails Sent - Mozilla Firefox (en 1919-0427-133)

Fake Emails Sent - Mozilla Firefox (en 1919-0427-133)

FOR TESTING PURPOSES ONLY

To	From	Subject	Body
gnternew@Trust.org	sample@Trust.com	This is an email	hello world
gnternew@Trust.org	sample@Trust.com	This is an email	hello world
andyprogresser@gmail.com	sample@Trust.com	This is another email	your appends in line
andyprogresser@gmail.com	sample@Trust.com	This is another email	your appends in line
andyprogresser@gmail.com	sample@Trust.com	This is another email	your appends in line

Trust - View My Sent Messages - Mozilla Firefox (en 1919-0427-133)

Trust - View My Sent Messages - Mozilla Firefox (en 1919-0427-133)

Trust

HomeLogoutChange PasswordWelcome, Shape Shifter

My Sent Messages

Receiver	Subject	Sent	Read
Baby Programmer	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Baby Programmer	Reminder: upcoming appointment in 10 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 14 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 11 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 14 days	2019-12-07 16:04	Read
Random Person	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Random Person	Reminder: upcoming appointment in 14 days	2019-12-07 16:04	Read

Fake Emails Sent - Mozilla Firefox (en 1919-0427-133)

Fake Emails Sent - Mozilla Firefox (en 1919-0427-133)

FOR TESTING PURPOSES ONLY

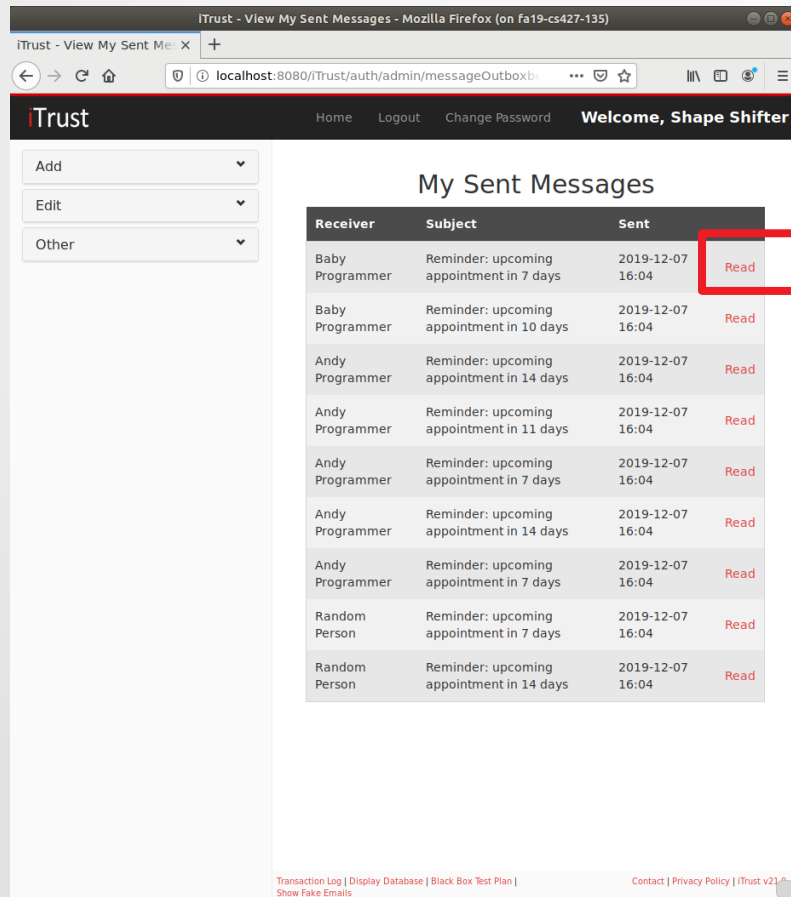
To	From	Subject	Body
lolo@Trust.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
lolo@Trust.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
andyprogresser@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
andyprogresser@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
andyprogresser@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
andyprogresser@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
andyprogresser@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
andyprogresser@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
lolo@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
lolo@gmail.com	A new message from System	Reminder in Trust. To view it, go to "http://localhost:8080/Trust/showFakeEmails.jsp" and log in to Trust using your username and password.	You have received a new message from System
gnternew@Trust.org	sample@Trust.com	This is an email	hello world
gnternew@Trust.org	sample@Trust.com	This is an email	hello world
andyprogresser@gmail.com	sample@Trust.com	This is another email	your appends in line
andyprogresser@gmail.com	sample@Trust.com	This is another email	your appends in line
andyprogresser@gmail.com	sample@Trust.com	This is another email	your appends in line

UC41 - S2

Log in as an admin. Select “Reminder Message Outbox” from the “Other” menu on the left side.

Select the red “Read” button on the right side of the patient whose appointment reminder you wish to read.

You should see a copy of the reminder email send to that user about an upcoming appointment in N days.



iTrust - View My Sent Messages - Mozilla Firefox (on fa19-cs427-135)

iTrust - View My Sent Messages

Home Logout Change Password Welcome, Shape Shifter

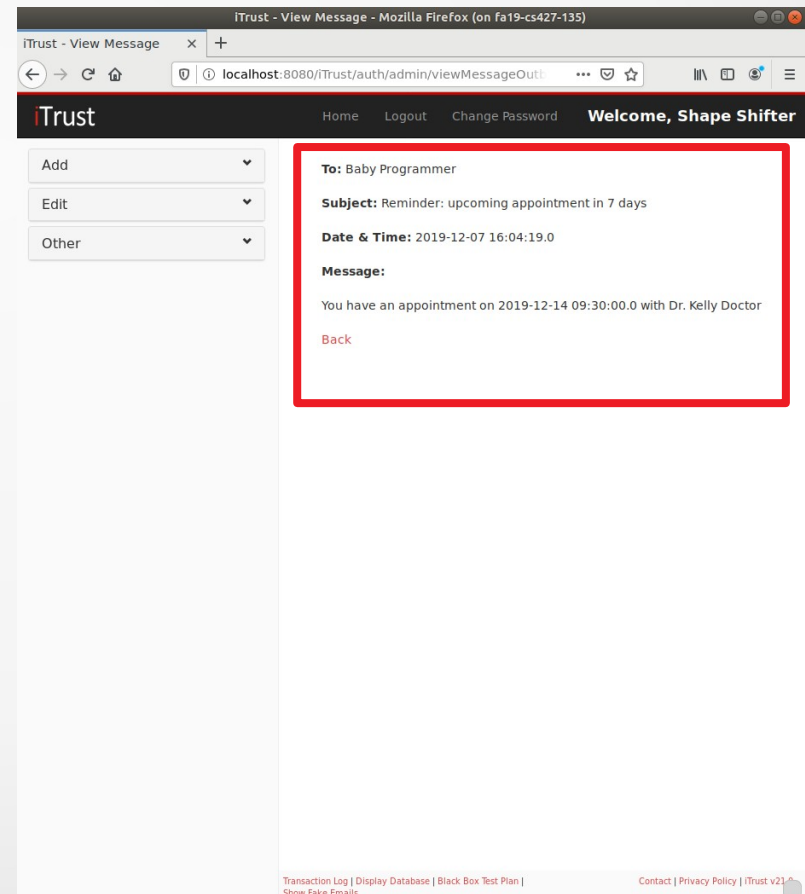
Add Edit Other

My Sent Messages

Receiver	Subject	Sent	
Baby Programmer	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Baby Programmer	Reminder: upcoming appointment in 10 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 14 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 11 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 14 days	2019-12-07 16:04	Read
Andy Programmer	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Random Person	Reminder: upcoming appointment in 7 days	2019-12-07 16:04	Read
Random Person	Reminder: upcoming appointment in 14 days	2019-12-07 16:04	Read

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.6



iTrust - View Message - Mozilla Firefox (on fa19-cs427-135)

iTrust - View Message

Home Logout Change Password Welcome, Shape Shifter

Add Edit Other

To: Baby Programmer

Subject: Reminder: upcoming appointment in 7 days

Date & Time: 2019-12-07 16:04:19.0

Message:

You have an appointment on 2019-12-14 09:30:00.0 with Dr. Kelly Doctor

[Back](#)

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails

Contact | Privacy Policy | iTrust v21.6

UC30 - S6

Log in as patient or HCP. Select “Message Inbox” or “Message Outbox” from “Messaging” menu on left side.

Choose a sort criteria from “Sort By” and direction from “By Order Of”. Click “Sort” button.

You should see the emails re-displayed in sort order based on the criteria and direction specified.

The screenshot shows the iTrust web application interface. The top navigation bar includes 'Home', 'Logout', 'Change Password', and 'Welcome, Kelly Doctor'. On the left sidebar, the 'Messaging' menu is expanded, and 'Message Inbox' is highlighted with a red box. In the main content area, the 'My Messages' title is centered. Below it, the sorting controls are highlighted with a red box: 'Sort By' (set to 'Timestamp'), 'By Order Of' (set to 'Ascending'), and a 'Sort' button. Below these controls is a table of messages.

Sender	Subject	Received	
Andy Programmer	Scratchy Throat	2010-02-02 13:03	Read
Random Person	Appointment	2010-02-01 09:12	Read
Random Person	RE: Appointment	2010-02-01 09:12	Read
Random Person	Telemedicine	2010-01-31 16:01	Read
Andy Programmer	Prescription	2010-01-31 12:12	Read
Random Person	RE: Lab Procedure	2010-01-29 17:58	Read
Random Person	Office Visit	2010-01-29 08:01	Read
Random Person	Lab Results	2010-01-20 16:58	Read
Random Person	Appointment	2010-01-19 07:58	Read
Andy Programmer	Lab Results	2010-01-13 13:46	Read
Random Person	Missed Appointment	2010-01-08 14:59	Read

Transaction Log | Display Database | Black Box Test Plan | Contact | Privacy Policy | iTrust v21.0
Show Fake Emails

The screenshot shows the iTrust web application interface with the same sorting controls as the previous screenshot. The 'Sort By' dropdown is set to 'Timestamp', 'By Order Of' is set to 'Ascending', and the 'Sort' button is clicked. The table below shows the messages sorted by timestamp in ascending order.

Sender	Subject	Received	
Random Person	Old Medicine	2009-12-02 11:15	Read
Random Person	Aspirin Side Effects	2009-12-29 15:33	Read
Baby Programmer	Remote Monitoring Question	2010-01-07 09:15	Read
Random Person	Missed Appointment	2010-01-08 14:59	Read
Andy Programmer	Lab Results	2010-01-13 13:46	Read
Random Person	Appointment	2010-01-19 07:58	Read
Random Person	Lab Results	2010-01-20 16:58	Read
Random Person	Office Visit	2010-01-29 08:01	Read
Random Person	RE: Lab Procedure	2010-01-29 17:58	Read
Andy Programmer	Prescription	2010-01-31 12:12	Read
Random Person	Telemedicine	2010-01-31 16:01	Read

Transaction Log | Display Database | Black Box Test Plan | Contact | Privacy Policy | iTrust v21.0
Show Fake Emails

UC30 - S7

Log in as patient or HCP. Select “Message Inbox” or “Message Outbox” from “Messaging” menu on left side.

Select “Edit Filter” and input into whichever fields you Wish to filter the mailbox content by.

Select “Test Filter” to preview the result of filtering the Mailbox with the input you just provided.

Select “Save” if you wish this filter to persist for your mailboxes. Select “Cancel” if you wish to discard this edit without affecting your current filter.

You should see the mailbox content filtered by your new filter.

Or, you should see a meaningful error message display If you have attempted to create an invalid filter. For example, if you attempt to both include and exclude The same word, this will cause an error.

Home Logout Change Password Welcome, Kelly Doctor

My Messages

Sort By Sort

[Edit Filter](#) [Apply Filter](#)

Edit Message Filter

Sender: Has the words: Start Date:

Subject: Does not have the words: End Date:

Sender	Subject	Received	
Andy Programmer	Scratchy Throat	2010-02-02 13:03	Read
Random Person	Appointment	2010-02-01 09:12	Read
Random Person	RE: Appointment	2010-02-01 09:12	Read
Random Person	Telemedicine	2010-01-31 16:01	Read
Andy Programmer	Prescription	2010-01-31 12:12	Read
Random Person	RE: Lab Procedure	2010-01-29 17:58	Read
Random Person	Office Visit	2010-01-29 08:01	Read
Random Person	Lab Results	2010-01-20 16:58	Read
Random Person	Appointment	2010-01-19 07:58	Read
Andy Programmer	Lab Results	2010-01-13 13:46	Read
Random Person	Missed Appointment	2010-01-08 14:59	Read
Andy Programmer	Remote Monitoring Question	2010-01-07 09:15	

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails | Contact | Privacy Policy | Trust v2.0

Home Logout Change Password Welcome, Kelly Doctor

My Messages

Sort By Sort

[Edit Filter](#) [Apply Filter](#)

Edit Message Filter

Sender: Has the words: Lab Start Date:

Subject: Does not have the words: End Date:

Sender	Subject	Received	
Random Person	RE: Lab Procedure	2010-01-29 17:58	Read
Random Person	Lab Results	2010-01-20 16:58	Read
Andy Programmer	Lab Results	2010-01-13 13:46	Read

Transaction Log | Display Database | Black Box Test Plan | Show Fake Emails | Contact | Privacy Policy | Trust v2.0

UC99