HealthNet User Guide
Team-D

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Getting Started

Requirements

In order to run HealthNet on your computer, you will need the following:
- Python 3.4 (Newer versions work as well)
- SQLite 3.7

Installation

Follow these steps carefully to properly install HealthNet in your computer:

1. Locate the HealthNet_R2_MoisesIsLateAgain.zip file
2. Unzip the file in a directory with easy access
3. Open the Command Prompt/Terminal
4. Move to the directory where you unzipped the file (Use the cd command)
5. Make sure you are in the correct folder (You should be able to access the file "manage.py")
6. Enter the command "python manage.py runserver"
7. Open a browser and navigate to "http://localhost:8000/"

Welcome to HealthNet!
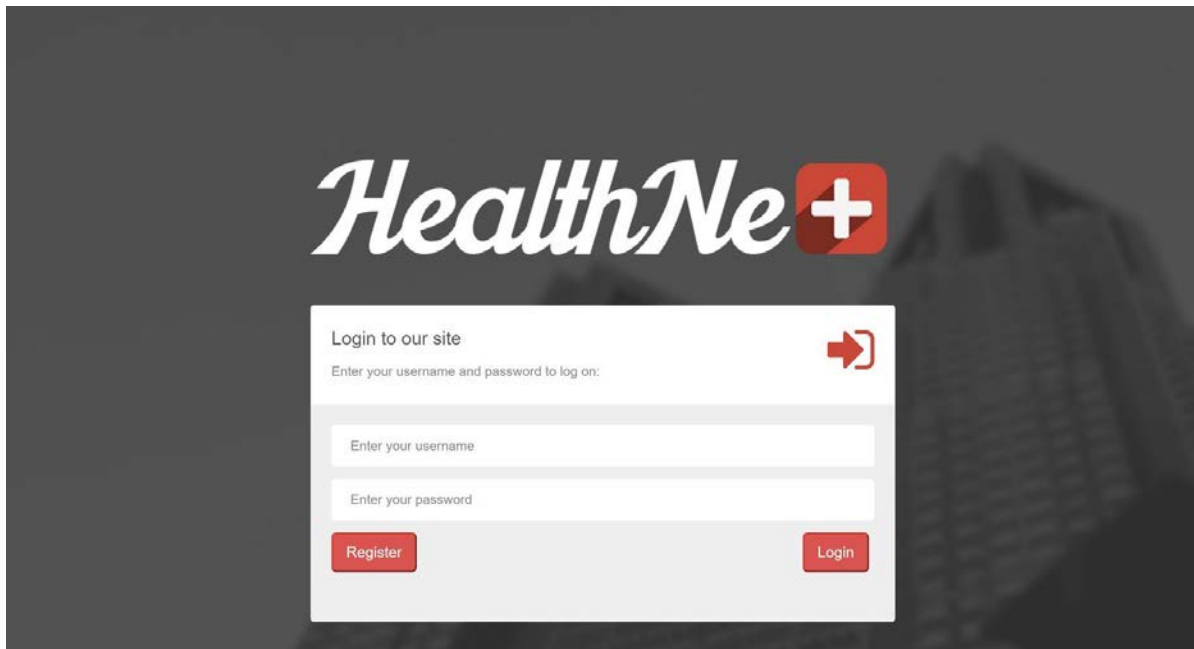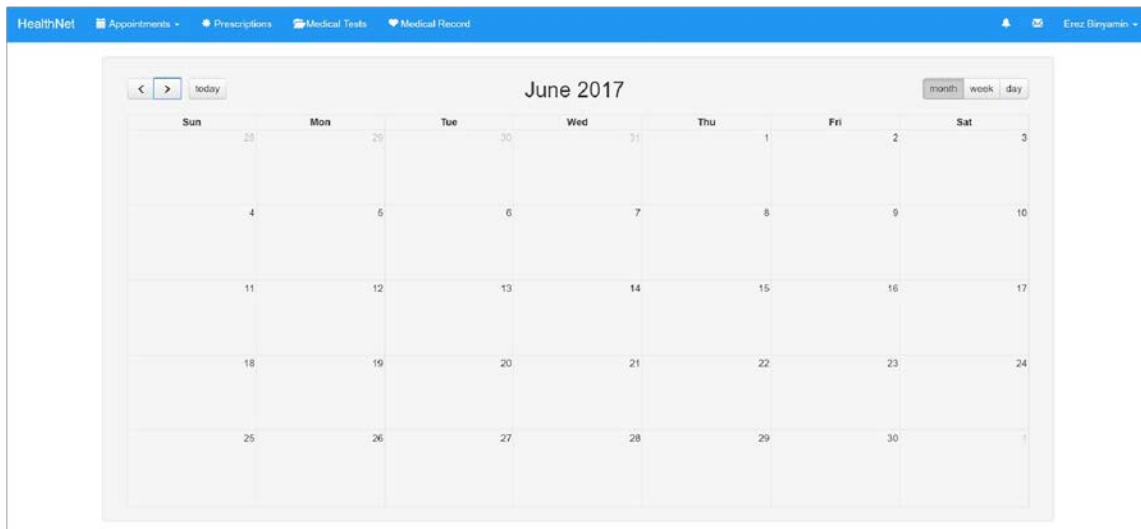

User Registration

(This step is not required. You can move on to pg5 and use the default accounts at the end of the guide.)

Register a Patient

To register a patient, click Register on the HealthNet homepage. The following window will pop up

You must fill out all 10 fields and click Register. If everything is filled out correctly, you will be taken to Dashboard:

If at any point you decide you don't want to register, you can click Cancel and finish the process

Register a Doctor/Nurse

Our system does not allow for Doctor or Nurse account to be made from scratch. In order to register a Doctor or Nurse, you must first have a Patient account and an Admin account. Perform the following steps in order to change your Patient account to a Doctor or Nurse account:

1. Login is as an Admin
   a. Username: zxcv
   b. Password: zxcv
2. Click Permissions
3. Click on the Patient   to want to change
4. Change his Usertype   to Doctor or Nurse
5. Click Update Patient

Congratulations! You now have a Doctor/Nurse account!
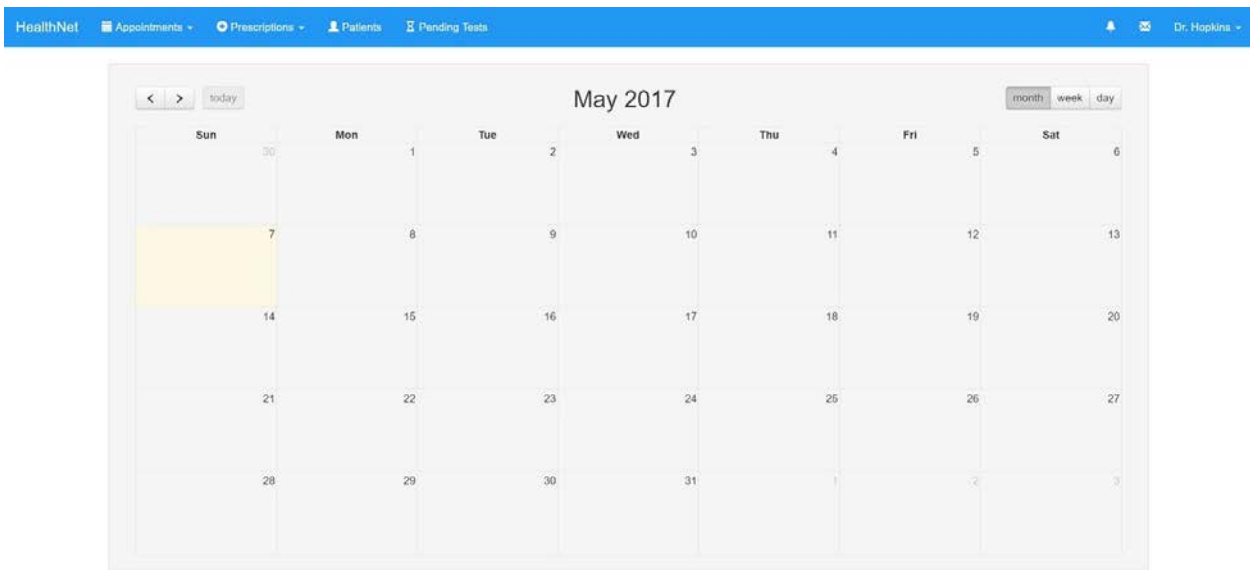
Viewing and Editing Profile and Medical Information

View and Edit Profile

If you made a mistake during Registration, you can always change your profile by clicking on your name on the top-right corner of the page and click Edit Profile
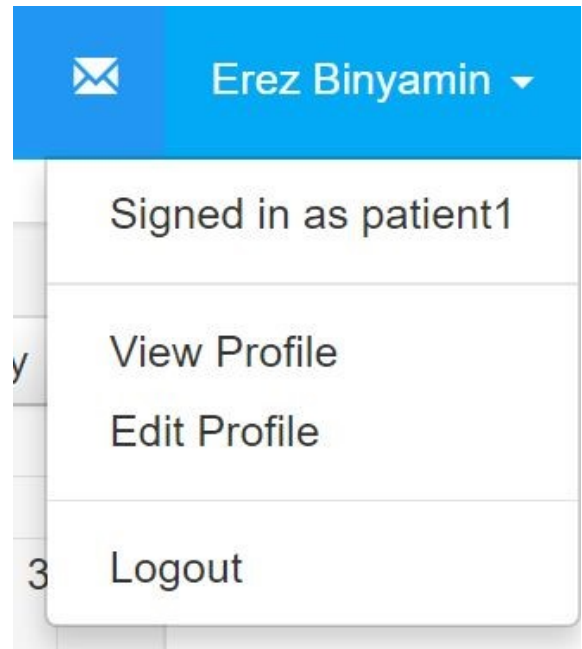
After Registration, you can only edit 6 fields. Once you change the desired fields, you can click on Save Changes and see the result Profile.

Edit Medical Information

Some fields can only be edited from a Doctor's account or Nurse's account. In order to edit things such as a patient's hospital, you must log in as a Doctor or Nurse. Once logged in as a Doctor or Nurse, click on Patients. You will see a list of all the Patients in the system

Click on the patient of choice.

This will bring up another window with the patient information. You can now change the patient's Primary Hospital, Last Physical, Primary Physician, and their Health History.

Note: You can only change to a Primary Physician that is in the same hospital as the patient. Also, if you change the primary hospital, it will automatically change the doctor to a doctor that is in the new hospital.
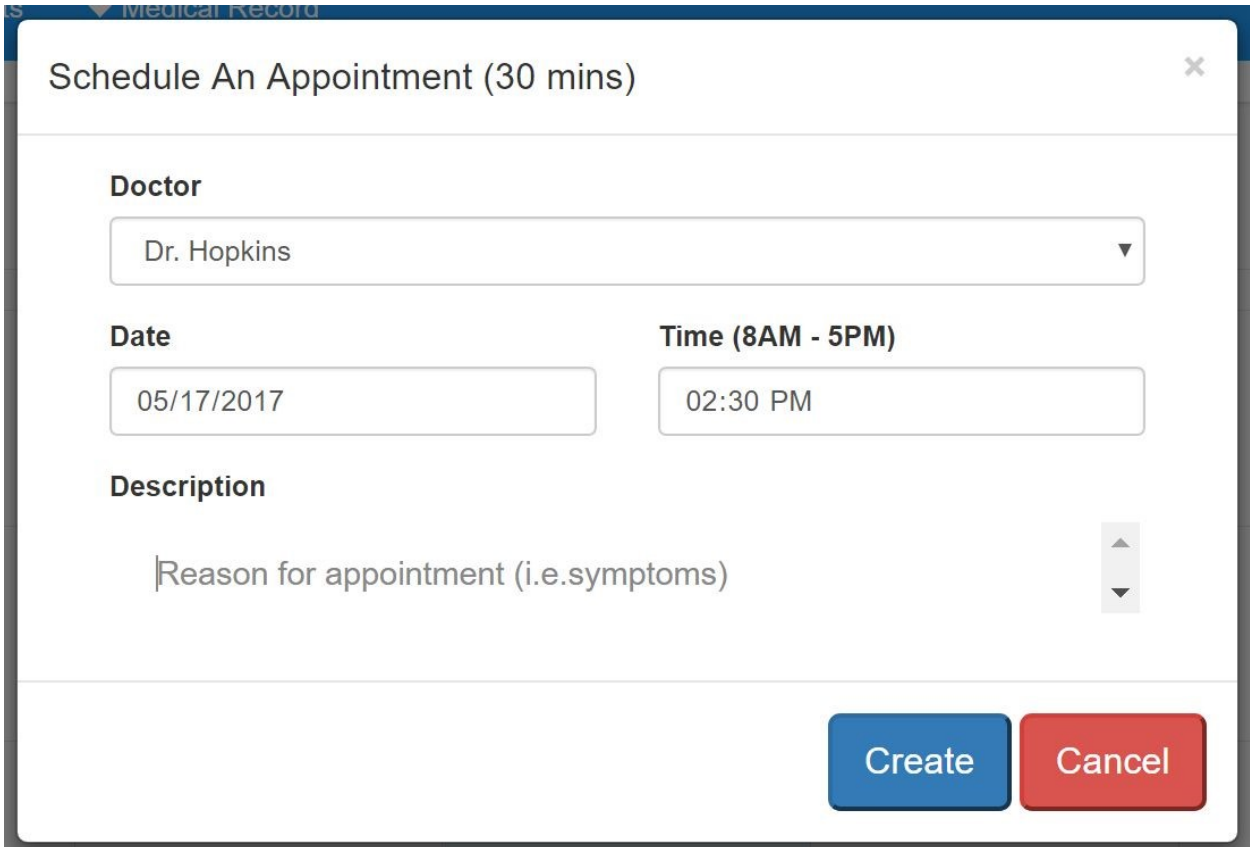
Make and Delete Appointments

Make Appointment

To make an appointment, you can click on the date when you want to make the appointment. Doing so will bring up a new window.

You must fill out every field and click Create. The Appointment will then be displayed on the calendar until the time passes or the appointment is cancelled by a Doctor. To cancel an appointment, click on the appointment and click Cancel.

Delete Appointment

To Delete an Appointment, click on the appointment of choice and click Delete Appointment.

Notifications and Sending Private Message

Notifications

Whenever a user performs an action that has to do with you, the system will send you a notification. You can see those notifications by clicking on the Notifications Icon on the top-right corner of the screen.

View All Notifications

Dr. Hopkins created an appointment with you

Appointment created with Dr. Hopkins

You have a new prescription

Appointment created with Dr. Diaz
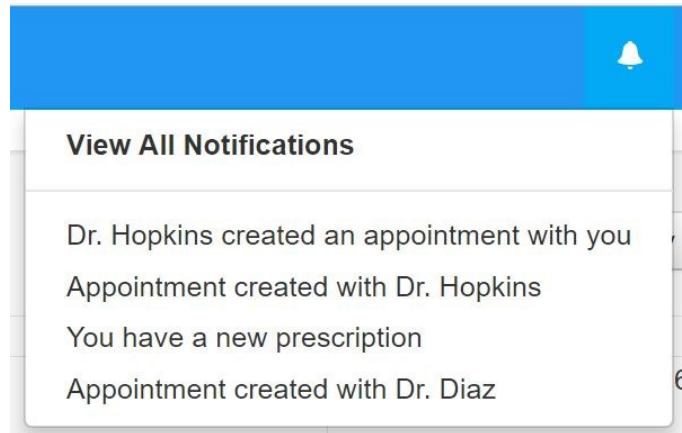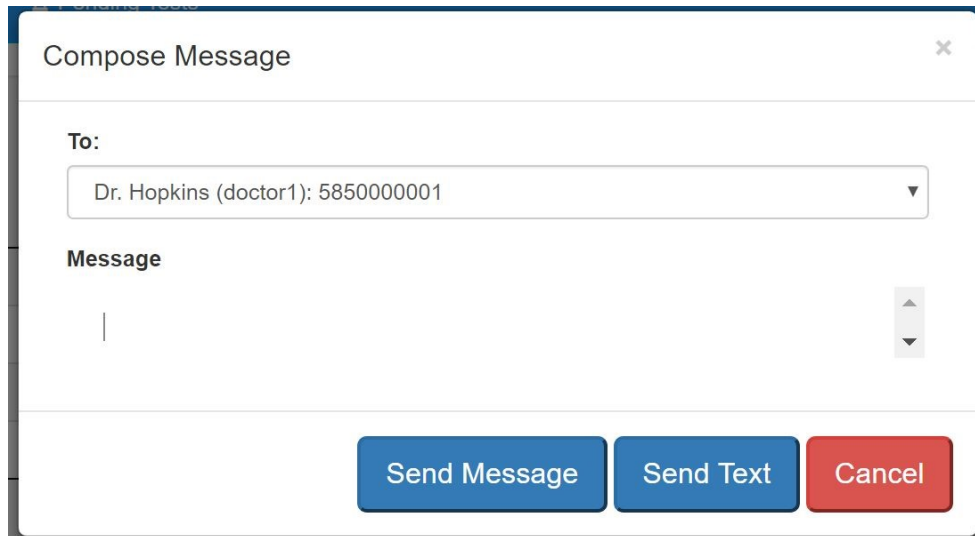
Messaging

Next to the Notifications icon is the Messaging icon. If you click on it, you will be taken to a page with all the messages you have received.

Message	Sender	Recipient	Date
You have received test results!	doctor2	patient2	2017-05-04T23:27:50
When should I be taking my pills?	patient2	doctor2	2017-05-07 15:42:31
When is the Doctor's Convention?	doctor1	doctor2	2017-05-07 15:43:51
Please fill out form 2B before our appointment	doctor2	doctor1	2017-05-07 15:41:31
Message	Sender	Recipient	Date

Compose Message   Search:

Showing 1 to 4 of 4 entries   Previous 1 Next

You can send a new message by clicking on Compose Message. Choose a recipient, write a message, and click the Send Message button.

Test Results and Prescriptions

Requesting a Test

Our system allows patients to easily request a Medical Test. Patients can click on Medical Tests, which will bring them to a page with any current test results

A patient can request a new medical test by clicking on Request Medical Test. You must then write the name of the Test you want to request and click Request Test

Releasing Test Results

As a doctor, you can click on Pending Tests and obtain a list of all the tests many patients have requested.

You can click on a test, fill out the results, and click Release Test to send the test to the patient that requested it

Pending Test:

Results

There are signs of Alzheimer's developing. Please schedule a new

[Submit Results] [Close]

Prescriptions

Doctors can create prescriptions for their patients by clicking on Prescriptions and clicking Prescribe.
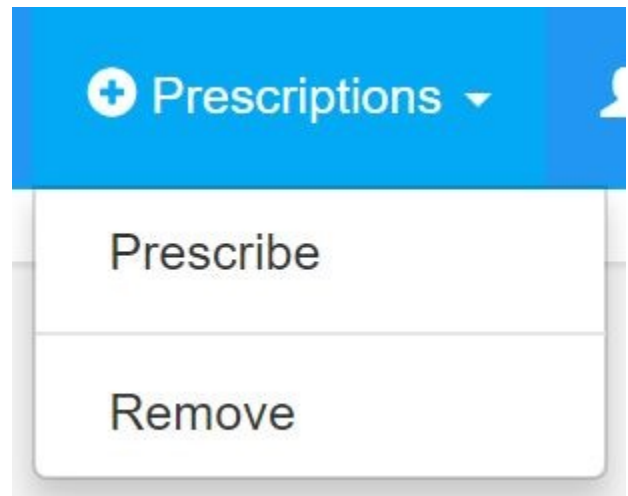
A new window should pop up. You must fill out every field in the form and click Prescribe. If you don't, the system will crash (Sorry)

Prescribe Medication

Patient

Erez Binyamin (patient1)   ▼

Medication Name

e.g. Wellbutrin XL

Dosage (in milligrams)

300mg per pill

Quantity (# of pills per refill)

# of pills

Description & Side Effects

What is the drug being prescribed? Side effects?

Instructions

How often and how frequently it should be taken

[Prescribe] [Close]

If needed, you can also remove prescriptions. Click on Prescription and this time click on
Remove. You will get a list of all the prescriptions in the system.

Click a prescription to cancel it   Search:

| Drug Name ▲	Dosage ⇕	Quantity ⇕	Prescribing Doctor ⇕
Aderall	50g per pill	1	Dr. Hopkins
Advil	300mg per pill	200	Dr. Hopkins
Medical Marijuna	5g	1	Dr. Hopkins
Oxycoden	10mg per pill	75	Dr. Hopkins
Drug Name	**Dosage**	**Quantity**	**Prescribing Doctor**

Showing 1 to 4 of 4 entries   Previous 1 Next

You can click on the prescription you want to remove. Another window will pop up with all the
information about the prescriptions. This is the same view the patient will have, except it won't
have the Remove Medication button.

Oxycoden

Dosage	10mg per pill
Quantity	75mg
Prescribing Doctor	Dr. Hopkins
Description	Anxiety
Instructions	Take before bed

Remove Medication   Close

Click Remove Medication to remove it from the system

Activity log and System Statistics

When you log in as an admin, you will be taken to the admin panel. The admin panel contains a list of all the relevant actions that every user has made in the system. You can sort this list to your convenience

Activity	Date Logged
zxcv logged in	2017-05-07T16:39:29
doctor1 created an appointment with patient1	2017-05-07T16:37:30
doctor1 prescribed a medication to Erez Binyamin (patient1)	2017-05-07T16:33:05
doctor1 prescribed a medication to Erez Binyamin (patient1)	2017-05-07T16:30:31
doctor1 prescribed a medication to Michael Wohl (patient2)	2017-05-07T16:29:47
doctor1 prescribed a medication to Erez Binyamin (patient1)	2017-05-07T16:28:12
doctor1 logged in	2017-05-07T16:18:28
doctor1 logged in	2017-05-07T16:02:12
patient1 logged in	2017-05-07T15:36:00
nurse1 logged in	2017-05-07T13:59:52
zxcv logged in	2017-05-07T13:49:01
doctor1 discharged patient3 from the hospital	2017-05-07T13:14:16
doctor1 logged in	2017-05-07T13:13:45
patient1 edited their profile	2017-05-07T12:17:23
patient1 logged in	2017-05-07T12:16:58
Activity	**Date Logged**

System Activity Log   Search: [   ]

Showing 1 to 15 of 50 entries   Previous 1 2 3 4 Next

If you click on System Statistics, you will get a list of some fun-to-know statistics

Total Users:	7
Total Patients:	2
Total Nurses:	2
Total Doctors:	2
Total Administrators:	1
Appointments Created	3
Messages Sent	0
Successful Logins	30
Failed Logins	3
Medications Prescribed	4
Tests Conducted	1
Notifications Received	10
Patients Admitted	1
Oldest Birthdate	Nov. 4, 1973

Username	Password	User Type
patient1	patient1	Patient
patient2	patient2	Patient

patient3	patient3	Patient
patient4	patient4	Patient
nurse1	nurse1	Nurse
nurse2	nurse2	Nurse
doctor1	doctor1	Doctor
doctor2	doctor2	Doctor
zxcv	zxcv	Admin