

“Obamacare 2.0” HealthNet System By:

Suhail Prasathong & Team*

*Members did not want their names to be disclosed

Project Overview:

The HealthNet project is meant to improve hospital care and efficiency by providing hospital employees ease of access to patient information, as well as an easy way to communicate with other employees, administrators and other hospitals. The project stresses ease of use and navigation for both employees and patients. This project, in some ways is a recreation of Obamacare with the application of accurate software principles and processes.

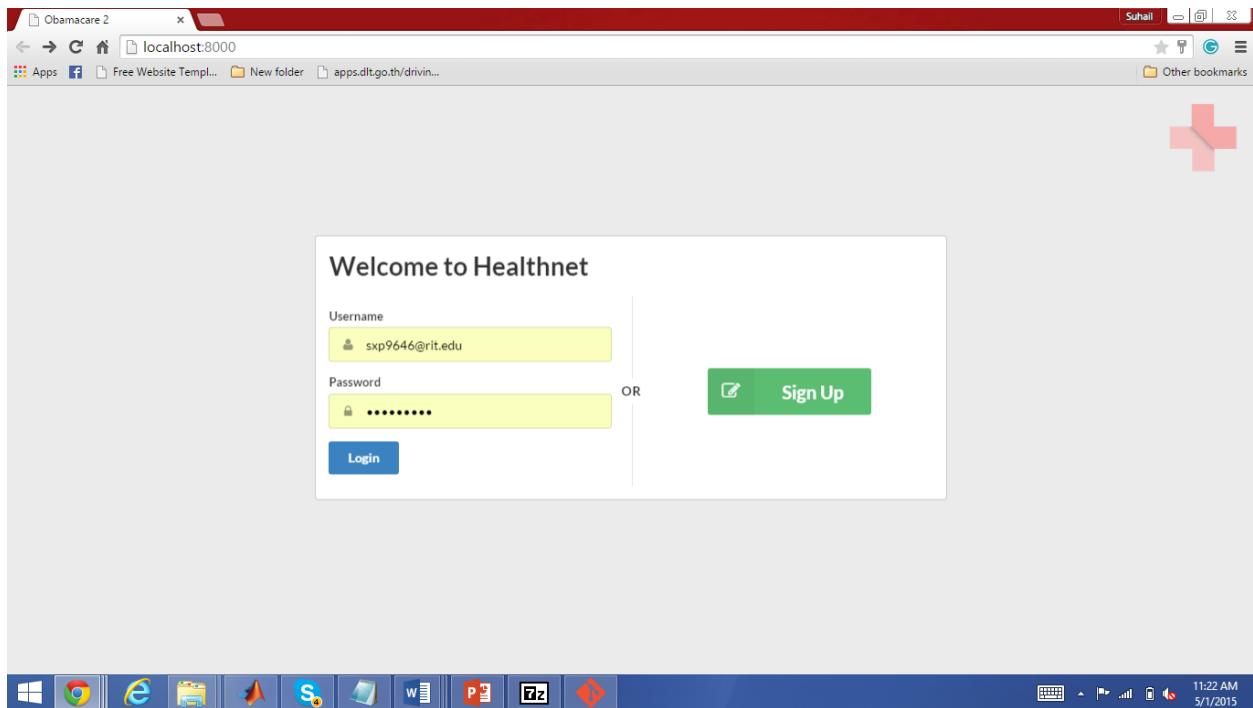


Figure 1.0

This snapshot describes the homepage of our system. The logo represents the HealthNet system. To build this system we worked with the Python programming language and Django framework. My role in the team was to work on front-end material via Django and to ensure that our repositories are well vetted and up-to-date. I also helped with a lot of the documentation for the project.

As far as this page is concerned, I worked on the orientation of the boxes, the padding, content placement and linkage to login and registration systems through Django.

Register here

Personal Information

Name *
 First Name Last Name Gender *
 Gender

Contact Information

Address *
 Address

City * ZIP * Phone Number *
 City ZIP XXX-XXX-XXXX

State *
 State

Health Information

Emergency Contact Name Emergency Contact Phone
 Emergency Contact Name XXX-XXX-XXXX

Preferred Hospital Insurance ID *
 Preferred Hospital Insurance ID #

Account Info

Email * Password * Confirm Password *
 Email Password Confirm Password

Register

Figure 1.1

This is the registration page. To create the various restrictions in this page eg. ensuring that people use a valid email, phone number etc. I used an if-else case structure. This allowed for ease in coding, an organized code block and it allows for better methods of testing to be implemented. The page orientation and database storage parts were handled by other teammates.

Dashboard

Elliot Fu added you as a friend 1 Hour Ago
 4 Likes

You submitted a new post to the page 3 days ago
 I'm having a BBQ this weekend. Come by around 4pm if you can.
 11 Likes

4 days ago
Helen Troy added 2 new illustrations
 1 Like

Jenny Hess added you as a friend 2 Days Ago
 8 Likes

Joe Henderson posted on his page 3 days ago
 Ours is a life of constant reruns. We're always circling back to where we'd we started, then starting all over again. Even if we don't run extra laps that day, we surely will come back for more of the same another day soon.
 5 Likes

4 days ago

Navigation:
 Appointments
 Records
 Profile

Figure 1.2

This page describes the dashboard page. My part in this was to unify the “social media” interface. I also accounted for linkage between the appointment, records and profile shortcuts on the page. I ran into some problems when organizing the padding of various content boxes on the page. Since Django was being troublesome with the padding, I reoriented the entire site in Dreamweaver and used HTML to rework the padding to ensure that everything fits and reorients on mobile platforms.

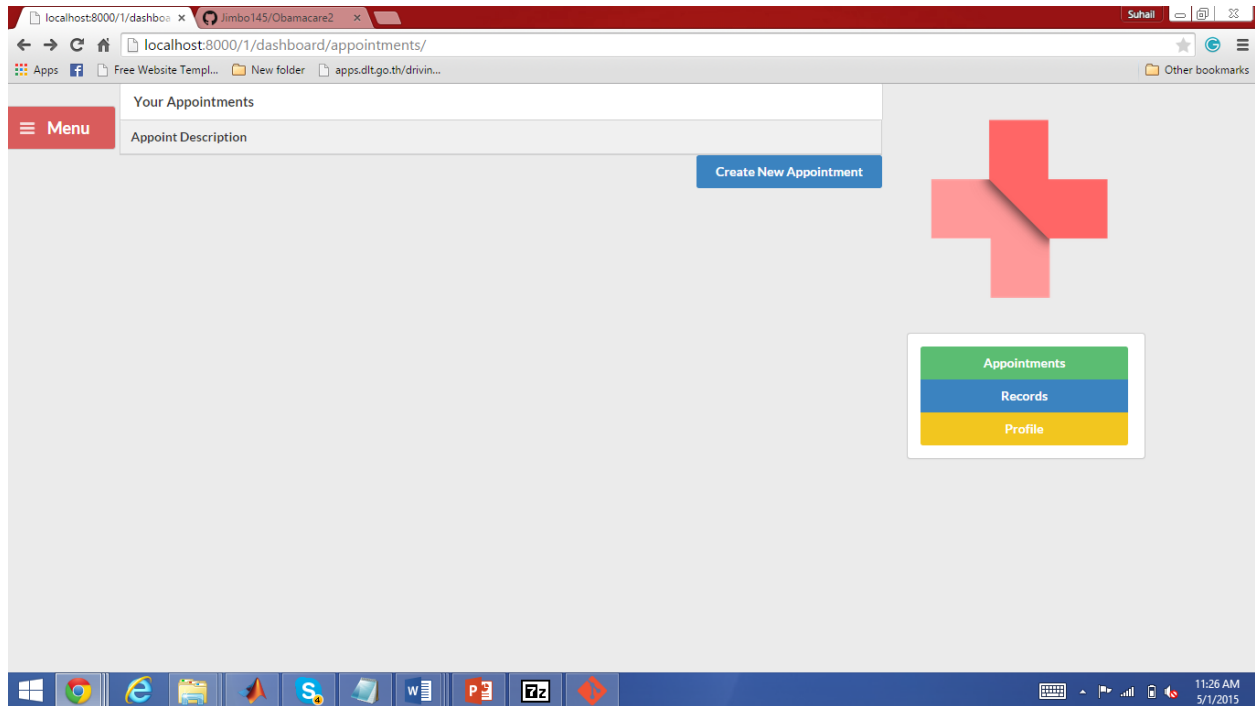


Figure 1.3

This is the activities log page. As a team, we are still debating whether or not this should be part of the requirements. However, my involvement in the development of this page was absolutely minimal up until this point. I am now building a simple sheet-style CMS page for the activity log for users to keep track of their actions.

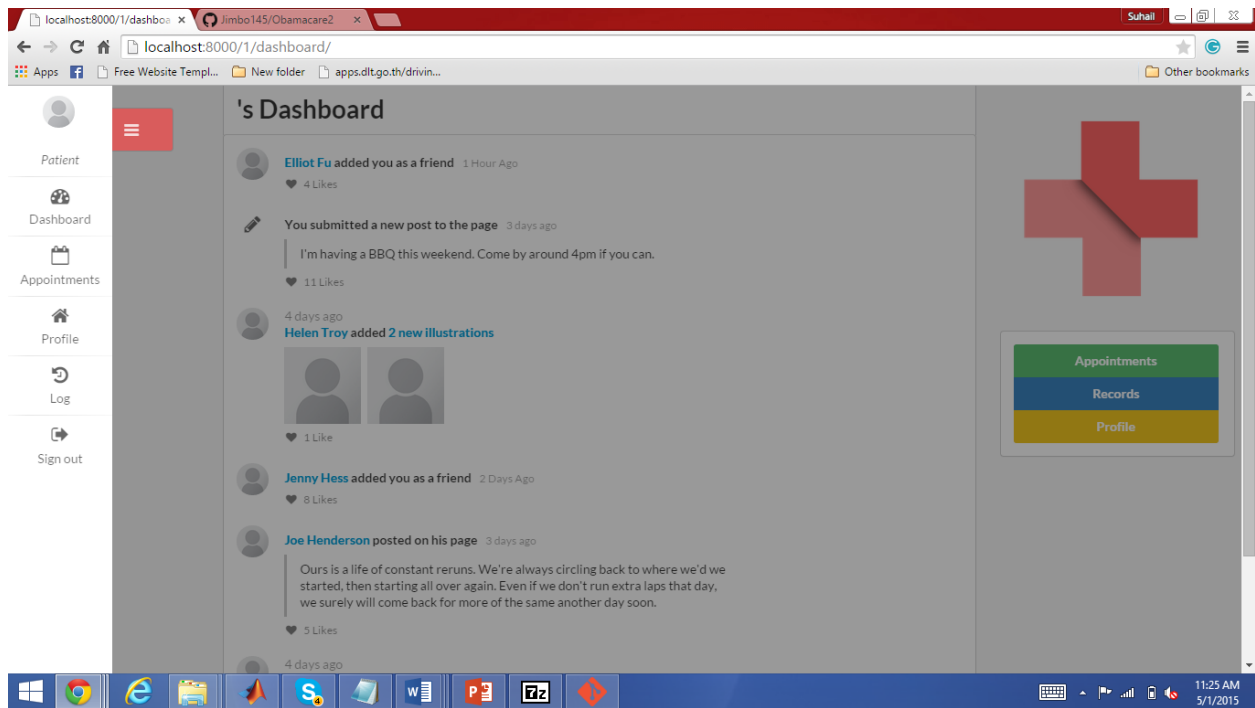


Figure 1.4

This figure describes the sidebar menu page. This menu allows the user to navigate through the website seamlessly. My portion of involvement in this part was minimal as it was pretty simple. Another teammate simply used a Django preset and added it to the UI system. I went back and confirmed that the tabs match up to the requirements document we were given by the client. Additionally, I built various test cases to ensure that the tabs don't fail under any circumstance.

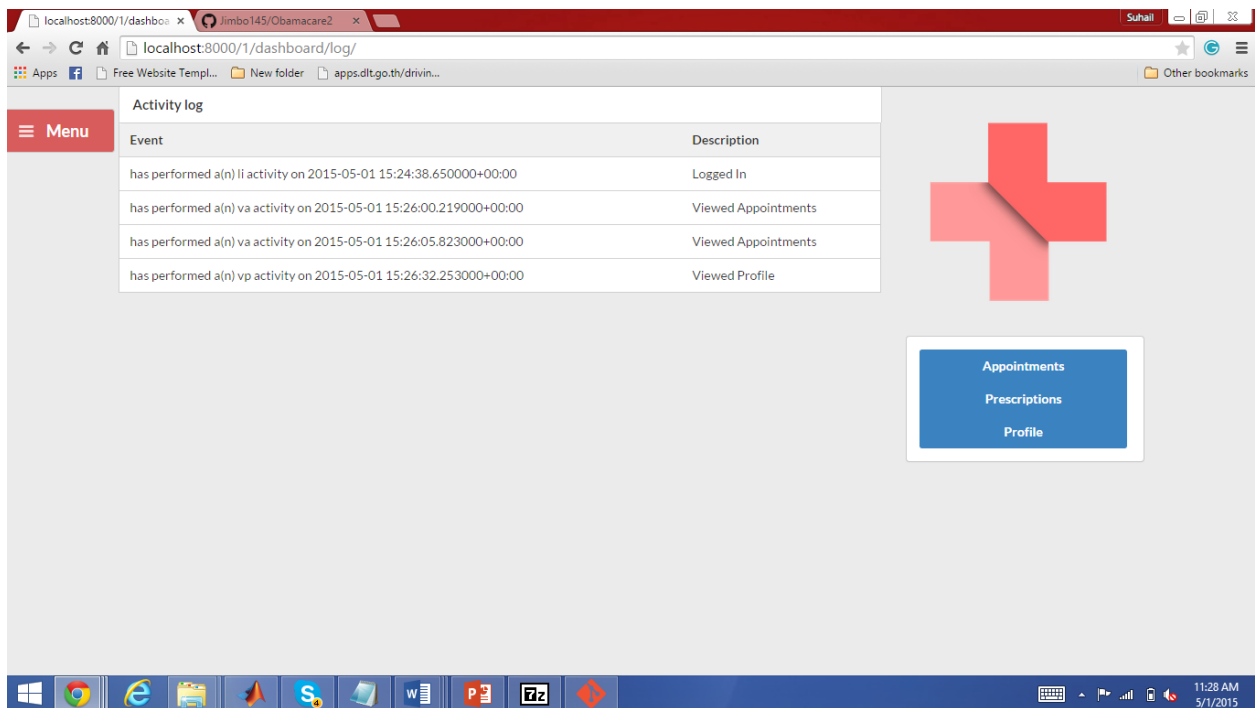


Figure 1.5

Lastly, this is the activity log page where I simply sourced all the activity data using Python and created data label boxes in Django to ensure that the user can take a look at the different links they hit.

That concludes the description of the HealthNet project.

At this point, although the code is available on my Git repository, the code is set to private until the project is ready to be published. However, you are welcome to peruse through the other repositories of projects I have worked on. <https://github.com/sxp9646>