

Sprint 1

Junyao Song, Yichen Wang, Tsz King Yip

Patient Doctor Platform (PDP)

Problem Statement:

There are many scenarios when patients have some little symptoms but lazy to go to hospitals while these symptoms are sometimes frustrating: such as small bumps on the skin, or uncertain treatments for some symptoms.

- A general platform for doctors and patients to interact with each other
- Designed for patients to ask unurgent, non-trivial symptoms
- Opportunity for doctors to earn some extra money

Product Backlogs

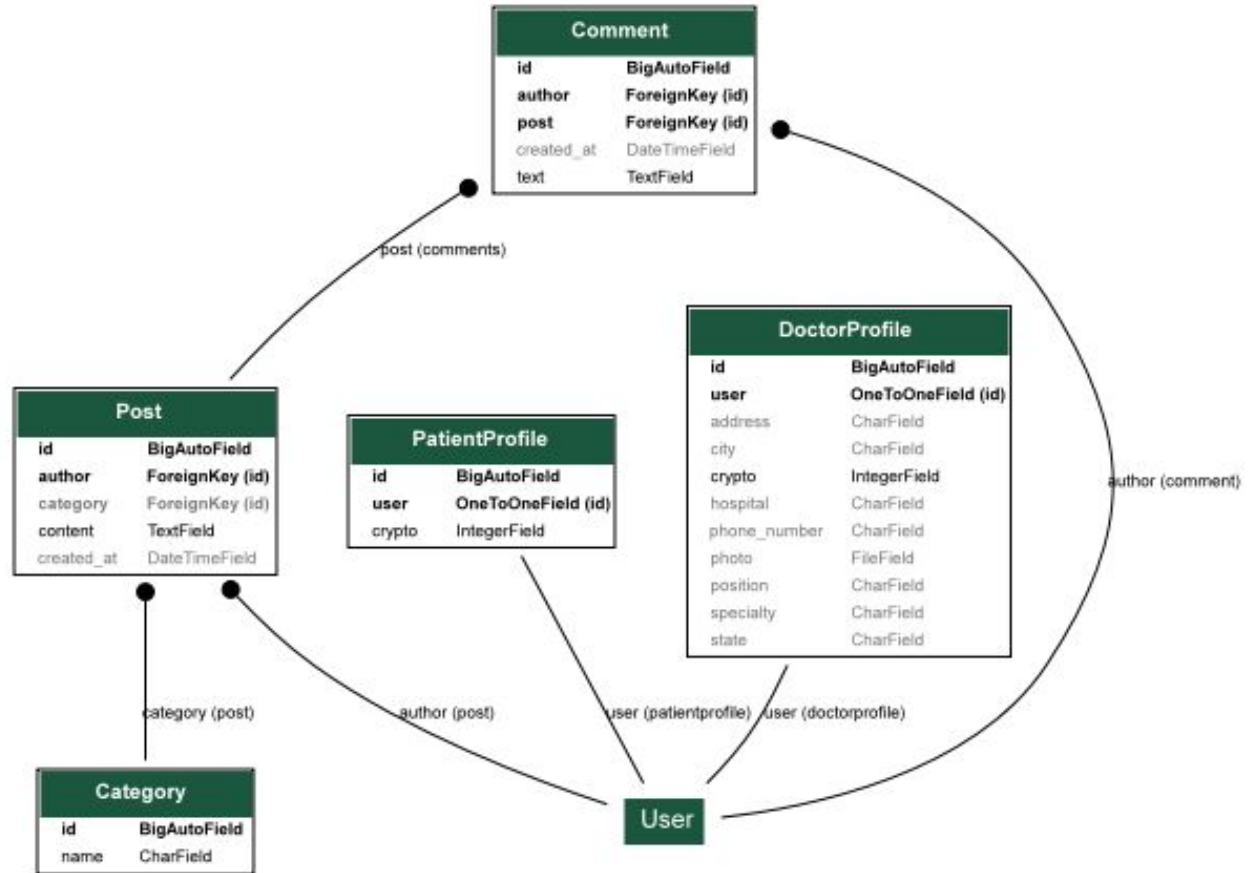
Patients:

1. Register/Login:
 - a. Patients register
 - b. Patient login
2. Post:
 - a. Crypto trading
 - b. Rating mechanism
 - c. Searching symptoms via keywords
 - d. Post new symptoms
3. Common questions
4. Searching for doctor
 - a. Category
 - b. Profile

Doctors:

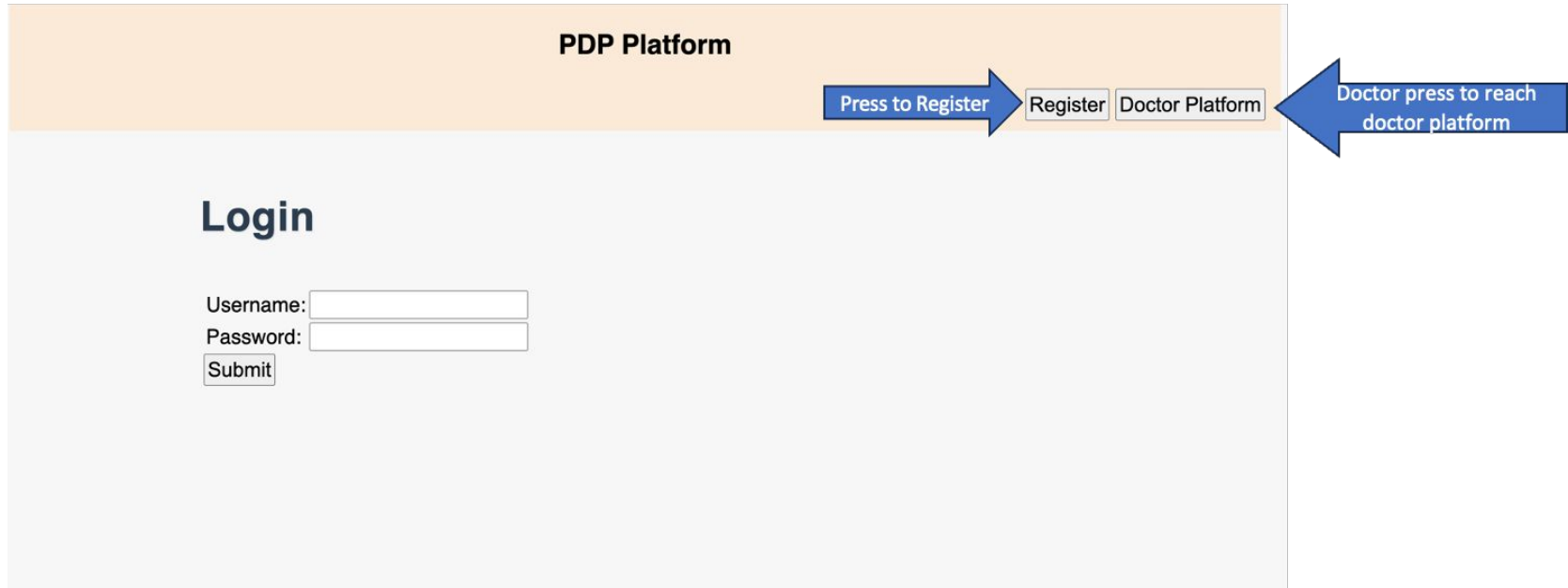
1. Register
2. Visible information
3. Patient profiles, posts, record

Model



UI Overview

Patients' login page



The image shows a UI overview of a patients' login page. It features a light orange header bar with the text "PDP Platform" in bold. Below the header, there is a blue arrow pointing right with the text "Press to Register". To the right of this arrow are two buttons: "Register" and "Doctor Platform". Further to the right, there is another blue arrow pointing left with the text "Doctor press to reach doctor platform". The main content area is light gray and contains the word "Login" in bold. Below "Login" are two input fields: "Username:" and "Password:". Below the "Password:" field is a "Submit" button.

PDP Platform

Press to Register **Register** **Doctor Platform** **Doctor press to reach doctor platform**

Login

Username:

Password:

PDP Platform

Login

register

Username:

Password:

Confirm:

Email:

First name:

Last name:

Patients' Global page

The screenshot shows the Patients' Global page interface. At the top, there is a navigation bar with links: [Post](#), [Article\(mock data\)](#), [Logout](#), and [Find doctors](#). Above the navigation bar, three blue arrows point to specific elements: 'Click to see some article' points to the [Article\(mock data\)](#) link, 'Click to navigate to find_doctor.html' points to the [Find doctors](#) link, and 'Search existing posts' points to the search bar. On the right side of the navigation bar, there is a button labeled 'Remaining crypto: 28'. Below the navigation bar, there is a section with a 'New Post' button, a search bar labeled 'Search or add a post...', and a 'Category' dropdown menu. A blue arrow labeled 'Pop out the new post generating' points to the 'New Post' button. Another blue arrow labeled 'Press to select the category of symptoms you want to look at' points to the 'Category' dropdown menu. The main content area displays two posts. The first post is titled 'patient song : 3/18/2024 6:41 AM' and contains the text 'another illness'. Below the text is a comment box with the placeholder 'Enter your comment here' and a 'Submit' button. The second post is titled 'patient song : 3/18/2024 6:38 AM' and contains the text 'Hi there, I've been feeling a bit under the weather lately. I've been experiencing some headaches, a bit of fever, and a persistent cough. It's been bothering me for a few days now. Can you help me figure out what's going on?'. Below the text is a comment box with the placeholder 'Enter your comment here' and a 'Submit' button.

Click to see some article

Click to navigate to find_doctor.html

Search existing posts

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#) [Find doctors](#)

Remaining crypto: 28

Pop out the new post generating

New Post

Search or add a post...

Category

Press to select the category of symptoms you want to look at

[patient song](#) : 3/18/2024 6:41 AM

another illness

say what

[doctor song](#) – 3/18/2024 6:41 AM

Comment:

[patient song](#) : 3/18/2024 6:38 AM

Hi there, I've been feeling a bit under the weather lately. I've been experiencing some headaches, a bit of fever, and a persistent cough. It's been bothering me for a few days now. Can you help me figure out what's going on?

The curious cat swiftly leaped over the lazy dog, chasing shadows in the moonlight, while the wind whispered secrets through the rustling leaves of the ancient oak tree.

[doctor song](#) – 3/18/2024 6:38 AM

Comment:

Doctor List page

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#) [Find doctors](#)

Remaining cryptos:28

Oral Health

You can select which category
you want here



Doctor Name: xxx
Doctor Hospital: xxx
Length of Service: xxx
Doctor rating: 98
Number of Consultations: 1023

select

Select the doctor you want
and transfer to Doctor's
profile page



Doctor Name: xxx
Doctor Hospital: xxx
Length of Service: xxx
Doctor rating: 96
Number of Consultations: 962

select



Doctor Name: xxx
Doctor Hospital: xxx
Length of Service: xxx
Doctor rating: 94
Number of Consultations: 764

select



Doctor Name: xxx
Doctor Hospital: xxx
Length of Service: xxx
Doctor rating: 92
Number of Consultations: 352

select

Doctor Profile page for patients

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#) [Find doctors](#)

Remaining cryptos:28

Doctor XXX's Profile

Doctor Name: xxx

Doctor Hospital: xxx

Length of Service: xxx

Doctor rating: 98

Number of Consultations: 1023

Doctor's historical auscultation records

1. Patients yyy's question: How can I be more stronger?
Doctor's answer: You can eat some rice
2. Patients zzz's question:
Doctor's answer:

Are you willing to pay xx cryptos to get Doctor's work phone number for personal consultation?(Notice: Phone calls can be done only when doctors are available.)

Pay

After clicking pay, your cryptos will be deducted, the page will be refreshed with Doctor's work phone

Doctor Profile page for patients after paying

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#)

Remaining cryptos:18

Doctor XXX's Profile

Doctor Name: xxx

Doctor Hospital: xxx

Length of Service: xxx

Doctor rating: 98

Number of Consultations: 1023

Doctor Work Phone: 123456899

Doctor Available Time: W 1-3pm

Doctor's historical auscultation records

1. Patients yyy's question: How can I be more stronger?

Doctor's answer: You can eat some rice

2. Patients zzz's question:

Doctor's answer:

Pay

Article Page

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#)

Popular science articles

New Post:

[John Doe](#): 3/18/2024 10:30 AM

This is the content of the first article.

First comment on the first post.

[Jane Doe](#) – 3/18/2024 11:00 AM

Second comment on the first post.

[Alice Smith](#) – 3/18/2024 11:30 AM

[Jane Smith](#): 3/17/2024 9:45 PM

This is the content of the second article.

First comment on the second post.

[Bob Johnson](#) – 3/18/2024 10:00 AM

Add post page

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#) [Find doctors](#)

Remaining Crypto: 28

Category

Orthopedics



Choose doctor's category

Summary*

Enter a one line summary, 100 characters or less

Details

Upload image:

Choose file

Post

Doctor global page

The screenshot shows a web interface for a doctor's global page. The header includes the text "Carnegie health" and navigation links: "Post", "Article(mock data)", "Logout", and "Patient record". A blue arrow points from the "Patient record" link to the text "Click to direct to patient record page". On the right side of the header, it says "Crypto: 28".

On the left side, there is a sidebar with a search bar labeled "Search posts" and a dropdown menu labeled "Find post by date". Below these are seven placeholder boxes, each labeled "post".

The main content area displays a patient's record for "Patient Farnam Jahanian". A blue arrow points from the text "Search post by keyword" to the patient's name. Below the name, there is a "Summary: I have fever" section, with a blue arrow pointing to it from the text "Patient symptom summary". Under the summary, there is a "Details" section containing the text "I am having fever for 38 days". To the right of this text is a photograph of an elderly man holding a thermometer. A blue arrow points from the text "Image uploaded by patient" to the photograph.

At the bottom of the main content area, there is a section for "followup discussions" with the subtitle "for lingering questions and comments". It includes a link "Start a new followup discussion" and a text input field labeled "Compose a new followup discussion". A large blue arrow points from the text "Doctor answer box" to this input field.

Patient record page

Carnegie health

[Post](#) [Article\(mock data\)](#) [Logout](#) [Patient record](#)

Crypto: 28



Patient Name: Farnam Jahanian
Last answer date: XXXX-XX-XX
Age: XX
Sex: XX

select



Patient Name: Farnam Jahanian
Last answer date: XXXX-XX-XX
Age: XX
Sex: XX

select



Patient Name: Farnam Jahanian
Last answer date: XXXX-XX-XX
Age: XX
Sex: XX

select



Patient Name: Farnam Jahanian
Last answer date: XXXX-XX-XX
Age: XX
Sex: XX

select

Demo Time