

Period Chatbot

**Web programming
(Html, JavaScript, CSS);**

Computational media techniques;

Data & digital methods;

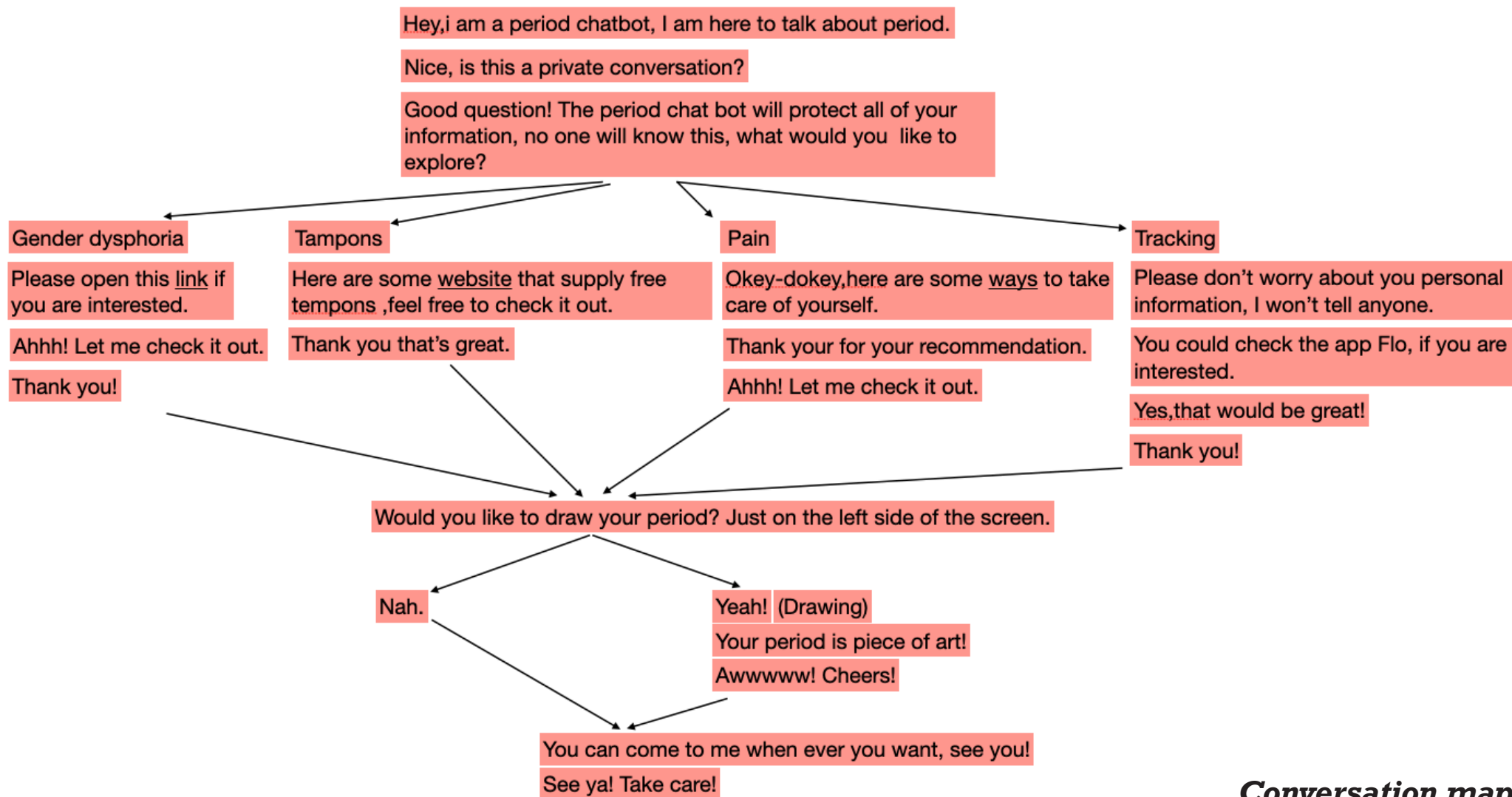
I designed this period chatbot, to focus on periods, from a traditional impression, the period is only for women, but this period that I created is from a feminist and Gender nonconformity perspective, not making an assumption of the user's gender, giving user space to be who they want on gender expression, provide help for people who have period. Include tracking, tampon, pain, and gender dysphoria, and at the end of the conversation, invite users to draw their period on the left side of the screen, it means period is a piece of art. against period stigma. Also, the Period Chatbot will not collect data from users in order to protect their data security.

▶ **Period chatbot** 😊
Hiiiiiii! i am a period chatbot!

😊 Hey, i am a period chatbot! Period chatbot is here to discuss period.



Nice, is this a private conversation?



Conversation map

Tracking

Some websites steal private information about periods to make money from it, which puts the owner of the information in a financially exploitative situation, and this is a problem I hope my period chatbot will avoid, so the information in this chat dialog will be kept confidential and not leaked out.

Tampon

People with periods have a fixed amount of money spent on menstrual hygiene

products every month. It is unfair for people who have periods to carry the effects of menstruation and pay for them.

Scotland has become the first country in the world to make period products free for all(Period poverty: Scotland first in world to make period products free,2022). Inspired by the policy of Scotland, I put a link in the chatbot that could offer free tampons.

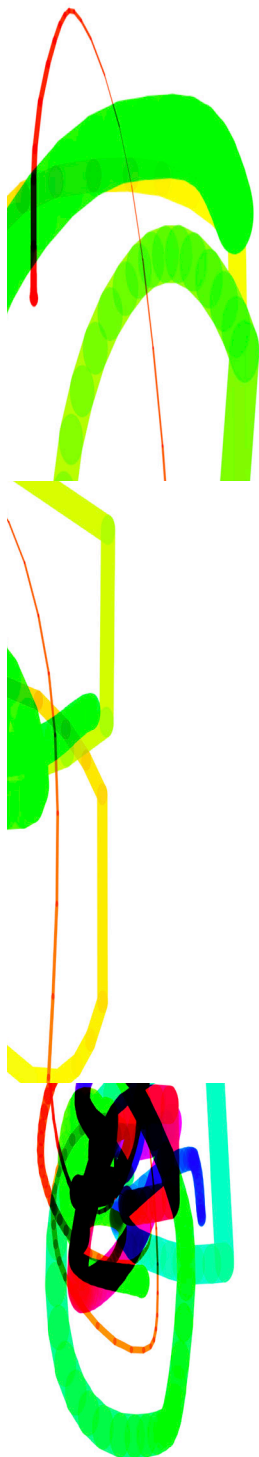
Pain

Sometimes menstrual cramps can cause faint-

ing spells and prolonged periods of inability to concentrate. With menstrual cramps in mind, I have put together a website to provide some relief for menstrual cramps to take care of users.

Gender dysphoria

I put a link that describes gender dysphasia to help people who struggle with it. And hopefully, by browsing and discussing, we can support and offer help to each other.



► **Period chatbot** 😊
Hiiiiiii! i am a period chatbot!

Oh hi there!

Nice, is this a private conversation?

Good question! The period chatbot will protect all of your information, no one will know this. What would you like to explore?

Tampon

Here is a website that supply free tampons, feel free to check it out!

Oh if you are interested.

Thank you that is great! 🍷

Yeah! 🍷

Your period is piece of art!

Awwwww! Cheers! 🍷

Hiiiiiii! i am a period chatbot!

Hey, i am a period chatbot! Period chatbot is here to discuss period.

Oh hi there!

Nice, is this a private conversation?

Good question! The period chatbot will protect all of your information, no one will know this. What would you like to explore?

Please open this link, if you are interested!

Gender dysphoria

Hmmmmmm, thank you!

Would you like to draw your period? Just on the left side of the screen! 🍷

Nah! 🍷

You can come to me when ever you want, see you! 🍷

See ya! !Take care! 🍷

Oh hi there!

Nice, is this a private conversation?

Good question! The period chatbot will protect all of your information, no one will know this. What would you like to explore?

Please do not worry about you personal information, i will not tell anyone.

You could check the app called Flo, if you are interested.

Yes, that would be great!

Would you like to draw your period? Just on the left side of the screen! 🍷

Yeah! 🍷

Your period is piece of art!

Awwwww! Cheers! 🍷

You can come to me when ever you want, see you! 🍷

See ya! !Take care! 🍷

Drawing

For a long period, there is a stigma about the period that period is dirty and gross, I referenced Barbara Kruger's work: Your body is a battleground (Barbara Kruger, 1989) which put positive meaning to period: Your period is a piece of art! With this encouragement and support the user is expected to accept their body to take care of it and love their period.

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Hey, i am a period chatbot! Period chatbot is here to discuss period.

Oh hi there!

Nice, is this a private conversation?

Good question! The period chatbot will protect all of your information, no one will know this. What would you like to explore?

Pain

Okey-dokey, here! Here are some ways to take care of yourself.

Thank you for your recommendation!

Would you like to draw your period? Just on the left side of the screen! 🍷

Yeah! 🍷

Your period is piece of art!

Awwwww! Cheers! 🍷

You can come to me when ever you want, see you! 🍷

See ya! !Take care! 🍷

Screenshots

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>69654; Period chatbot 6#127773</title>
6
7   <!-- for mobile screens -->
8   <meta name="viewport" content="width=device-width, initial-scale=1.0">
9   <link rel="shortcut icon" href="img/favicon.png">
10
11   <link rel="stylesheet" media="all" href="component/styles/setup.css">
12   <link rel="stylesheet" media="all" href="component/styles/says.css">
13   <link rel="stylesheet" media="all" href="component/styles/reply.css">
14   <link rel="stylesheet" media="all" href="component/styles/typing.css">
15   <link rel="stylesheet" media="all" href="component/styles/input.css">
16   <link href="https://fonts.googleapis.com/css?family=Work+Sans:400,600,700&display=swap" rel="stylesheet">
17
18
19   <style>
20     body {
21       background: #ffffff;
22     }
23     .bubble-container {
24       height: 100vh;
25     }
26     .bubble-container .input-wrap textarea {
27       margin: 0;
28     }
29     #draw {
30       position: absolute;
31       top: 0;
32       left: 0;
33       width: 40%;
34       height: 100%;
35       z-index: 1;
36     }
37
38
39   </style>
40 </head>
41 <body>
42
43   <canvas id="draw" height="" width=""></canvas>
44
45   <div id="chat">
46     <div class="header">
47       
48     </div>
49     <h1 style="font-size:30px;"> 69654; Period chatbot 6#127773</h1>
50     <p>Hi!!!!!! i am a period chatbot!</p>
51   </div>
52 </div>
53
54
55   <script src="component/js/Bubbles.js"></script>
56 </script>
57 let chatWindow = new Bubbles(document.getElementById("chat"), "chatWindow", {
58   inputCallbackFn: function() {
59     let match = function(key) {
60       setTimeout(function() {
61         chatWindow.talk(convo, key) // restart current convo from point found in the answer
62       }, 600)
63     }
64   }
65 }
```

[illegible]

```

130 human_reply: [
131     {
132         human_response: "Thank you that is great!&#128147",
133         bot_answer: "DrawingAnswer"
134     },
135 ],
136
137 //Gender dysphoria section
138
139 "GenderDysAnswer": {
140     bot_says: [
141         "<a href='\"https://helloclue.com/articles/cycle-a-z/what-it's-like-to-get-your-period\"'>https://helloclue.com/articles/cycle-a-z/what-it's-like-to-get-your-period\">
142     ],
143     human_reply: [
144         {
145             human_response: "Ahhh! &#129327Let me check it out!",
146             bot_answer: "DrawingAnswer"
147         },
148         {
149             human_response: "&#129488Hmmm<input type='checkbox' value='\"checked\"'>thank you!",
150             bot_answer: "DrawingAnswer"
151         },
152     ],
153 },
154
155 //pain section
156
157 "PainAnswer": {
158     bot_says: ["<a href='\"https://medlineplus.gov/periodpain.html/\">https://medlineplus.gov/periodpain.html/> target='\"_blank\"'>
159 ],
160     human_reply: [
161         {
162             human_response: "Ahhh! Let me check it out!&#128526",
163             bot_answer: "DrawingAnswer"
164         },
165         {
166             human_response: "Thank you for your recommendation!",
167             bot_answer: "DrawingAnswer"
168         },
169     ],
170 },
171
172 //tracking section
173
174 "TrackingAnswer": {
175     bot_says: ["Please do not worry about your personal information, I will not tell anyone!"],
176     human_reply: [
177         {
178             human_response: "&#128064 Thank you!",
179             bot_answer: "DrawingAnswer"
180         },
181         {
182             human_response: "Yes, that would be great!",
183             bot_answer: "DrawingAnswer"
184         },
185     ],
186 },
187
188 //drawing section
189
190 "DrawingAnswer": {
191     bot_says: ["Would you like to draw your period? Just on the left side of the screen!&#128072"],
192     human_reply: [
193         {
194             human_response: "Yeah!&#128518",
195             bot_answer: "ArtAnswer"
196         },
197         {
198             human_response: "Nah.&#128528",
199             bot_answer: "GoodbyeAnswer"
200         },
201     ],
202 },
203
204 //art section
205
206 "ArtAnswer": {
207     bot_says: ["&#128444Your period is piece of art!"],
208     human_reply: [
209         {
210             human_response: "Awww! Cheers!&#128525",
211             bot_answer: "GoodbyeAnswer"
212         },
213     ],
214 },
215
216
217
218
219
220
221
222

```

```

223     }
224 },
225 //goodbye section
226
227 'GoodbyeAnswer': {
228     bot_says: ["You can come to me when ever you want, see you!&#128075"],
229     human_reply: {
230         {
231             human_response: "See ya! !Take care!&#128075",
232         },
233     },
234 },
235 },
236
237
238 chatWindow.talk(convo)
239
240 </script>
241 <script>
242     const canvas = document.querySelector('#draw');
243     const ctx = canvas.getContext('2d');
244     canvas.width = window.innerWidth;
245     canvas.height = window.innerHeight;
246     ctx.strokeStyle = '#002fa7';
247     ctx.lineWidth = 20;
248     ctx.globalCompositeOperation = 'multiply';
249     let hue = 0;
250
251     let isDrawing = false;
252     let lastX = 0;
253     let lastY = 0;
254     let direction = true;

```

Coding files

Coding Files:

<https://github.com/Jwantaname/Period-Chat-bot-Coding-Files/tree/main/Bot%20coding%20files>

Reference list:

Period poverty: Scotland first in world to make period products free(2022)Available at:<https://www.bbc.co.uk/news/uk-scotland-scotland-politics-51629880>(Accessed:5 December 2022).
Barbara Kruger(1989) Your body is a battleground Available at:<https://www.thebroad.org/art/barbara-kruger/untitled-your-body-battle-ground>(Accessed:05/12/2022).

```
257 function draw(e) {
258   if (!isDrawing) return; //Stops the fn from running when not moused down
259   ctx.strokeStyle = `hsl(${hue}, 100%, 50%)`;
260   ctx.beginPath();
261   ctx.moveTo(lastX, lastY);
262   ctx.lineTo(e.offsetX, e.offsetY);
263   ctx.stroke();
264   [lastX, lastY] = [e.offsetX, e.offsetY]; //This is Array Destructuring—see the section below
265   hue++;
266   if (hue >= 360) { hue = 0; }
267   if (ctx.lineWidth >= 100 || ctx.lineWidth <= 1) {
268     direction = !direction;
269   }
270   if (direction) {
271     ctx.lineWidth--;
272   }
273   else {
274     ctx.lineWidth++;
275   }
276 }
277 canvas.addEventListener('mousedown', (e) => {
278   isDrawing = true;
279   [lastX, lastY] = [e.offsetX, e.offsetY]; //This is Array Destructuring—see the section below
280 });
281 canvas.addEventListener('mousemove', draw);
282 canvas.addEventListener('mouseup', () => isDrawing = false);
283 canvas.addEventListener('mouseout', () => isDrawing = false);
284 </script>
285 </body>
```

Coding files