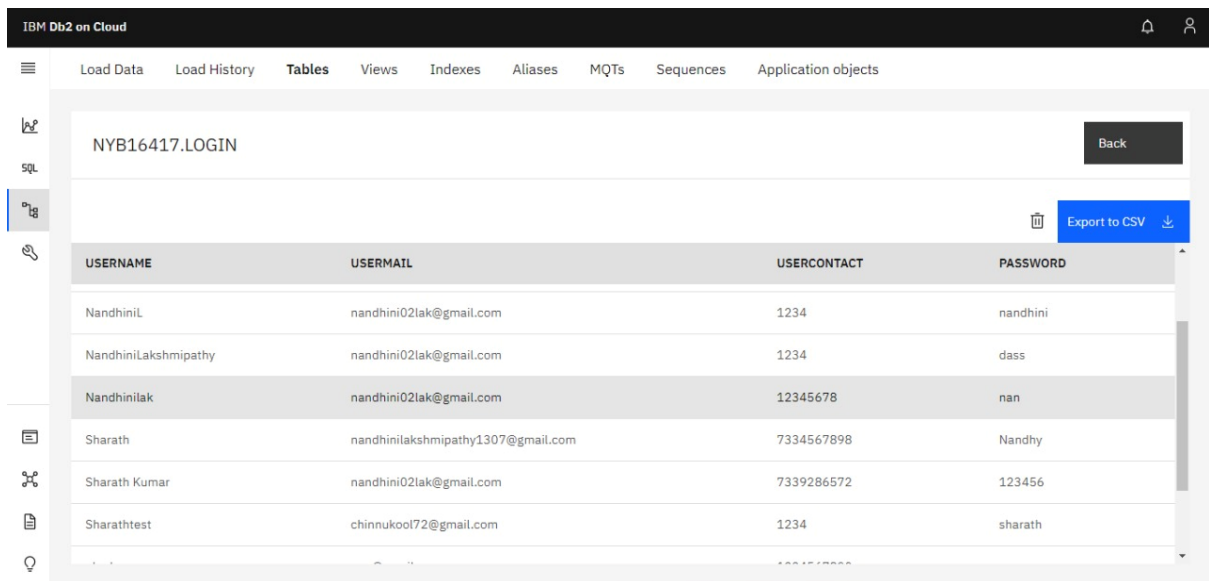


PROJECT DEVELOPMENT PHASE

SPRINT-4

Date	13 November 2022
Team ID	PNT2022TMID27090
Project name	Plasma Donor Application

MAINTAINING DATABASES:



IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

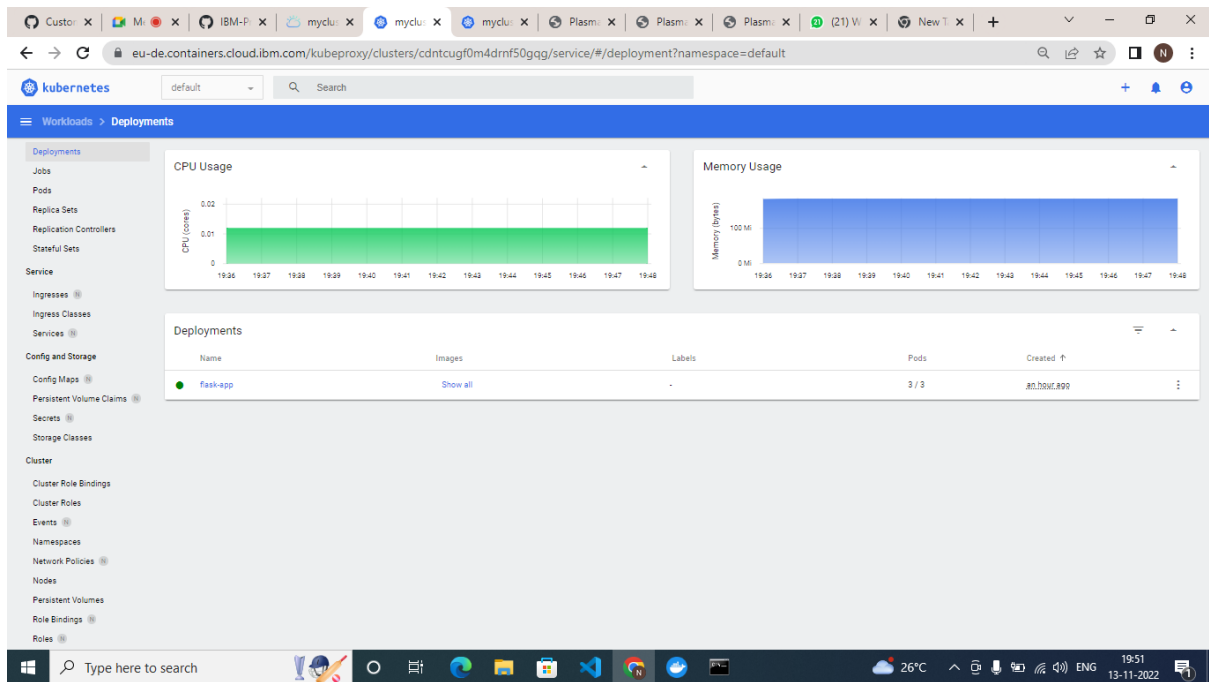
NYB16417.LOGIN

Back

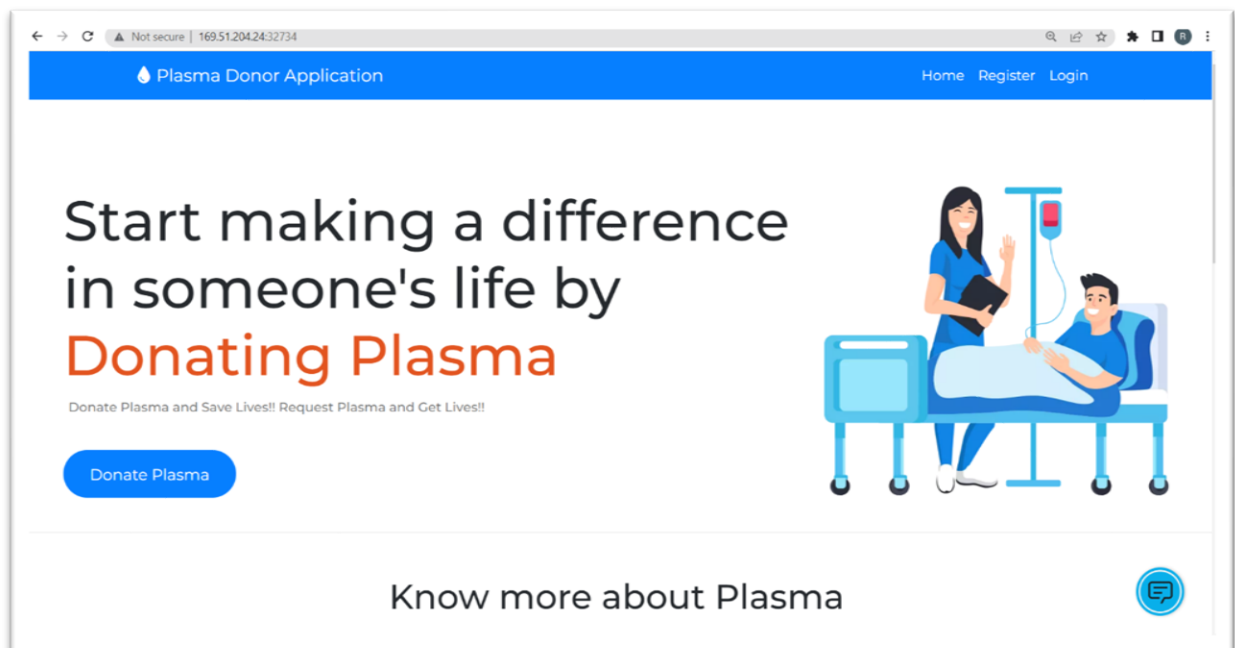
Export to CSV

USERNAME	USERMAIL	USERCONTACT	PASSWORD
NandhiniL	nandhini02lak@gmail.com	1234	nandhini
NandhiniLakshmpathy	nandhini02lak@gmail.com	1234	dass
Nandhinilak	nandhini02lak@gmail.com	12345678	nan
Sharath	nandhinilakshmpathy1307@gmail.com	7334567898	Nandhy
Sharath Kumar	nandhini02lak@gmail.com	7339286572	123456
Sharathtest	chinnukool72@gmail.com	1234	sharath

DEPLOYMENT IN IBM KUBERNETES:



DEPLOYMENT OF APP:



← → ↻ Not Secure | 169.51.204.24:32734/donorlist

Home Register Login

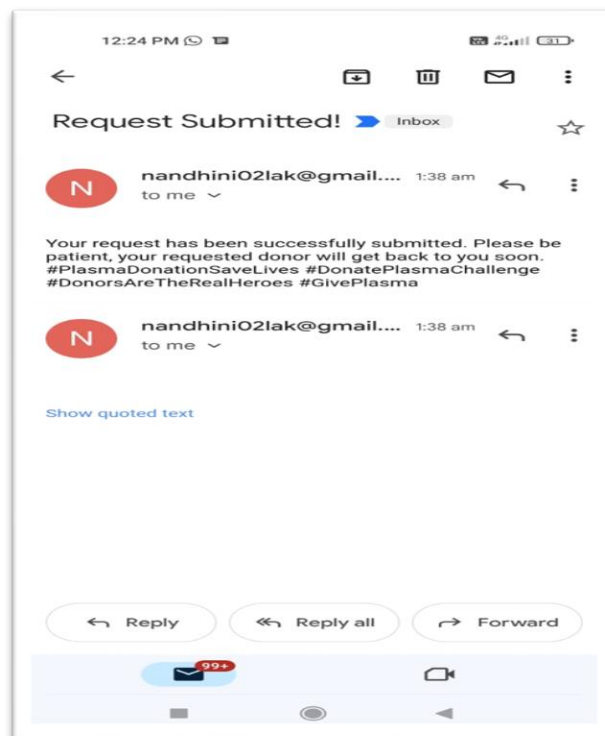
Note: Please note the donor email from the table you want to request.

Email	Age	Gender	Blood Group	Area	City	District	Make a Request
nandhini02lak@gmail.com	21	Female	O+	chennaiu	chennai	tn	Request
chinnukool72@gmail.com	21	Male	B+	chennai	chennai	chennai	Request
nandhini02lak@gmail.com	23	Female	B+	Chennai	Chennai	Chennai	Request
nandhinilakshmipathy1307@gmail.com	23	Female	A-	Chengalpattu	Chengalpatu	Chengalpattu	Request
sarika.19102@gmail.com	20	Female	AB-	Adayar	Chennai	Chennai	Request
ramyarakesh531@gmail.com	15	Female	O+	kovathur	chennai	TN	Request
nramya2311@gmail.com	44	Female	A+	Palavakkam	Chennai	Chennai	Request

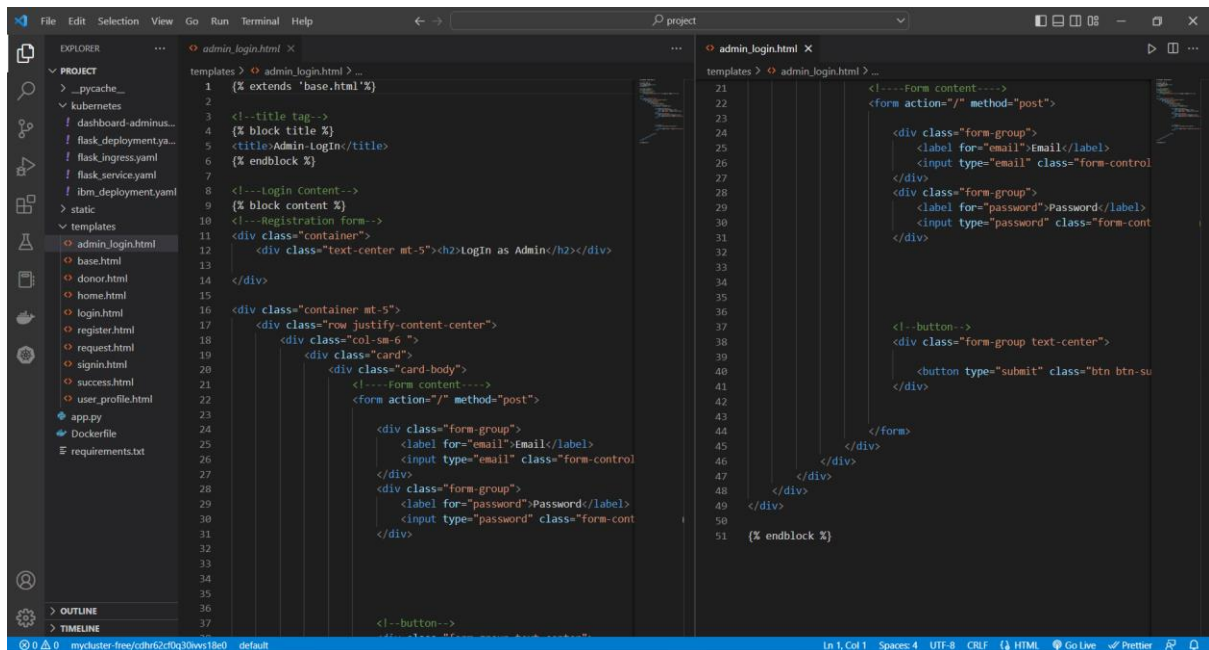
Close

Hi! I'm a virtual assistant. How can I help you today?

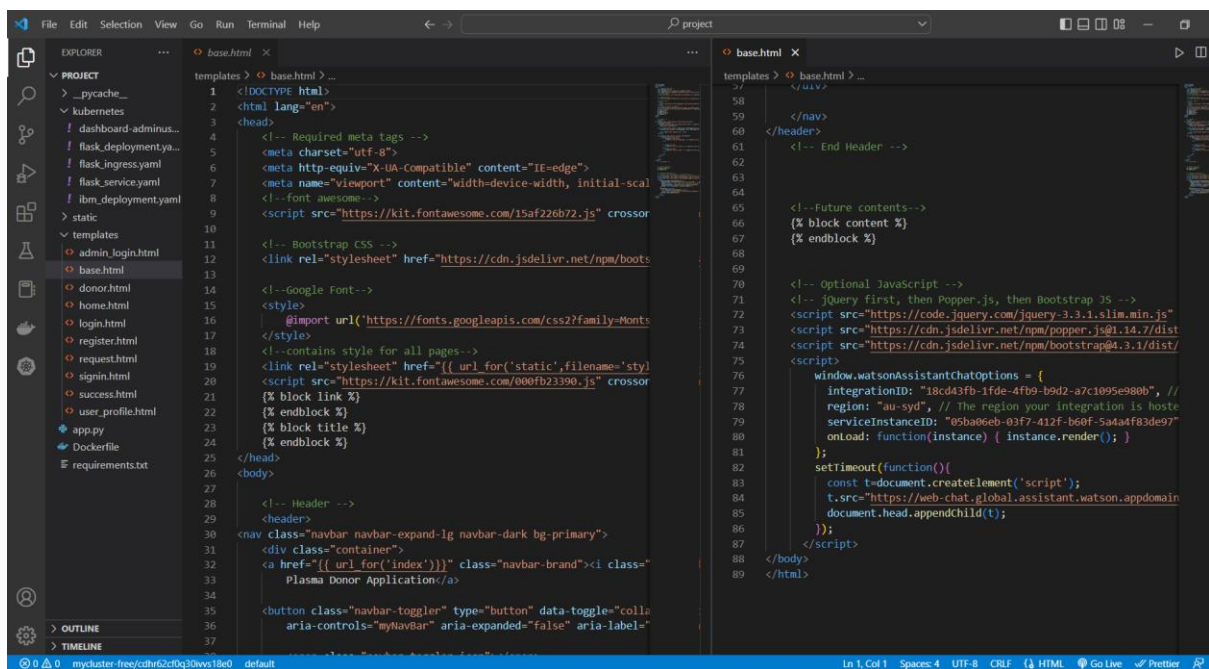
CONFIRMATION MAIL FOR REQUESTED RECIPIENT:



CODING AND TESTING:



```
1  {% extends 'base.html' %}
2
3  <!-- title tag -->
4  {% block title %}
5  <title>Admin-Login</title>
6  {% endblock %}
7
8  <!-- Login Content -->
9  {% block content %}
10 <!-- Registration form -->
11 <div class="container">
12   <div class="text-center mt-5"><h2>Login as Admin</h2></div>
13
14 </div>
15
16 <div class="container mt-5">
17   <div class="row justify-content-center">
18     <div class="col-sm-6">
19       <div class="card">
20         <div class="card-body">
21           <!-- Form content -->
22           <form action="/" method="post">
23
24             <div class="form-group">
25               <label for="email">Email</label>
26               <input type="email" class="form-control">
27             </div>
28
29             <div class="form-group">
30               <label for="password">Password</label>
31               <input type="password" class="form-control">
32             </div>
33
34           <!-- button -->
35           <div class="form-group text-center">
36             <button type="submit" class="btn btn-su">
37           </div>
38         </div>
39       </div>
40     </div>
41   </div>
42 </div>
43
44 </form>
45 </div>
46 </div>
47 </div>
48 </div>
49 </div>
50
51 {% endblock %}
```



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <!-- Required meta tags -->
5    <meta charset="utf-8">
6    <meta http-equiv="X-UA-Compatible" content="IE=edge">
7    <meta name="viewport" content="width=device-width, initial-scale=1">
8    <!-- font awesome -->
9    <script src="https://kit.fontawesome.com/15af226b72.js" crossorigin="anonymous"></script>
10
11    <!-- Bootstrap CSS -->
12    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
13
14    <!-- Google Font -->
15    <style>
16      @import url('https://fonts.googleapis.com/css2?family=Montserrat:wght@400;700&display=block');
17    </style>
18    <!-- contains style for all pages -->
19    <link rel="stylesheet" href="{% url_for('static', filename='style.css') %}">
20    <script src="https://kit.fontawesome.com/000fb23390.js" crossorigin="anonymous"></script>
21
22    <!-- block link -->
23    <script>
24      <!-- block title -->
25      <!-- block content -->
26    </script>
27
28    <!-- Header -->
29    <header>
30      <nav class="navbar navbar-expand-lg navbar-dark bg-primary">
31        <div class="container">
32          <a href="{% url_for('index') %}" class="navbar-brand"><i class="fas fa-heart">
33            Plasma Donor Application</i>
34        </div>
35
36        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbar" aria-controls="myNavbar" aria-expanded="false" aria-label="Toggle navigation">
37          <span class="navbar-toggler-icon">
38        </button>
39      </nav>
40    </header>
41
42    <!-- Future contents -->
43    <div class="container">
44      <div class="row">
45        <div class="col">
46          <div class="card">
47            <div class="card-body">
48              <div class="form-group">
49                <input type="text" class="form-control">
50              </div>
51              <div class="form-group">
52                <input type="password" class="form-control">
53              </div>
54              <div class="form-group text-center">
55                <button type="submit" class="btn btn-su">
56              </div>
57            </div>
58          </div>
59        </div>
60      </div>
61    </div>
62
63    <!-- Optional JavaScript -->
64    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
65    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
66    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
67    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
68
69    <script>
70      window.watsonAssistantChatOptions = {
71        integrationID: "18cd43fb-1fde-4fb9-b9d2-a7c1095e980b", // The region your integration is hosted in
72        region: "au-syd", // The region your integration is hosted in
73        serviceInstanceID: "05ba06eb-03f7-412f-b60f-5a4a4f83de97", // The service instance ID
74        onLoad: function(instance) { instance.render(); }
75      };
76      setTimeout(function(){
77        const t=document.createElement('script');
78        t.src="https://web-chat.global.assistant.watson.appdomain.org";
79        document.head.appendChild(t);
80      }, 1000);
81    </script>
82  </body>
83 </html>
```

```
File Edit Selection View Go Run Terminal Help
project

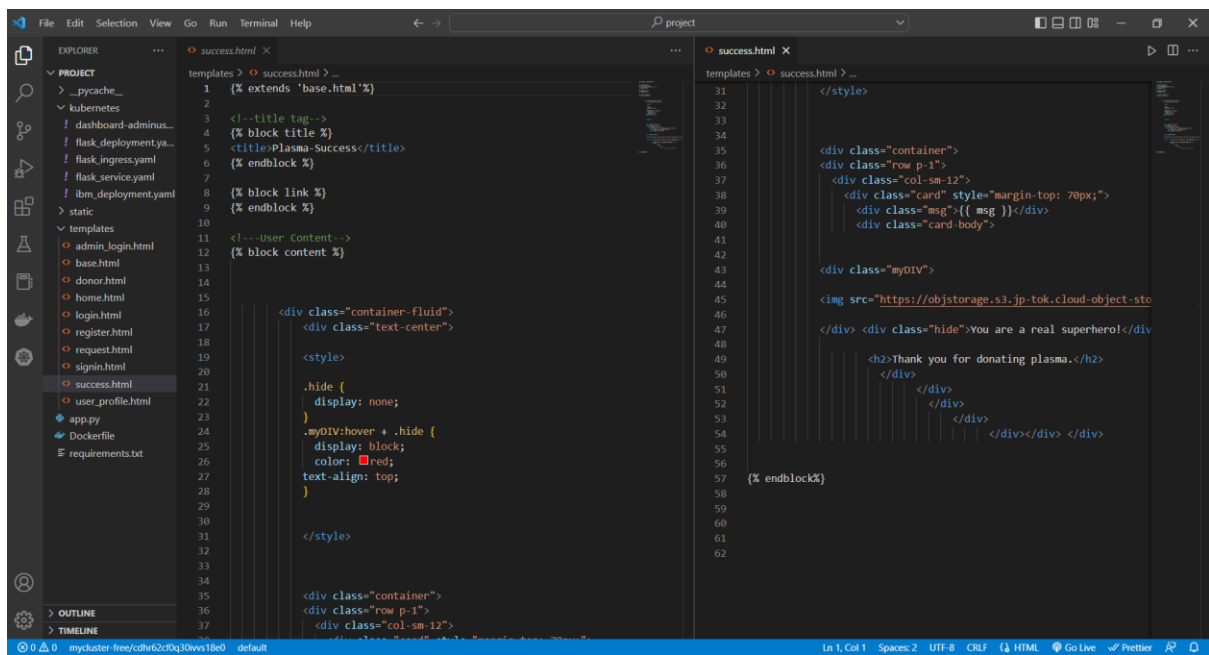
EXPLORER
PROJECT
  _pycache_
  kubernetis
  dashboard-adminus...
  flask_deployement.ya...
  flask_ingress.yaml
  flask_service.yaml
  ibm_deployement.yaml
  static
  templates
    admin_login.html
    base.html
    donor.html
    home.html
    login.html
    register.html
    request.html
    signin.html
    success.html
    user_profile.html
  app.py
  Dockerfile
  requirements.txt

donor.html X
templates > donor.html > ...
1 (% extends 'base.html'%)
2
3 <!--title tag-->
4 {% block title %}
5 <title>Plasma-Donor</title>
6 {% endblock %}
7
8 <!--Donor Content-->
9 {% block content %}
10 <!--Donor table-->
11 <div class="container mt-3">
12 <div class="row justify-content-center">
13 <div class="col-sm-12">
14 <div class="msg">{{ msg }}</div>
15 <div class="">
16 <div class="">
17 <table class="table table-hover table-bordered" style="margin-top: 50px;
18 <thead class="thead-light">
19 <tr>
20 <th>
21 <th scope="col">Email</th>
22 <th scope="col">Age</th>
23 <th scope="col">Gender</th>
24 <th scope="col">Blood Group</th>
25 <th scope="col">Area</th>
26 <th scope="col">City</th>
27 <th scope="col">District</th>
28 <th scope="col">Make a Request</th>
29 </tr>
30 </thead>
31 <tbody>
32 <tr>
33 <td>
34 <td>
35 <td>
36 <td>
37 <td>
38 <td>
39 <td>
40 <td>
41 <td>
42 <td>
43 <a href="{{url_for('request_page')}}" class="btn-sm btn-inf
44 </td>
45 </tr>
46 </tbody>
47 </table>
48 </div>
49 </div>
50 </div>
51 </div>
52 </div>
53 </div>
54 </div>
55 {% endblock %}
```

```
File Edit Selection View Go Run Terminal Help
project

EXPLORER
PROJECT
  _pycache_
  kubernetis
  dashboard-adminus...
  flask_deployement.ya...
  flask_ingress.yaml
  flask_service.yaml
  ibm_deployement.yaml
  static
  templates
    admin_login.html
    base.html
    donor.html
    home.html
    login.html
    register.html
    request.html
    signin.html
    success.html
    user_profile.html
  app.py
  Dockerfile
  requirements.txt

home.html X
templates > home.html > ...
1 (% extends 'base.html'%)
2
3 <!--title tag-->
4 {% block title %}
5 <title>Plasma-Home</title>
6 {% endblock %}
7
8 <!--Home Content-->
9 {% block content %}
10 <div class="container">
11 <div class="row">
12 <div class="col-md-6">
13 <div class="card">
14 <div class="card-body">
15 <div class="text-center">
16 <h2>
17 <h3>
18 <h4>
19 <h5>
20 <h6>
21 <h7>
22 <h8>
23 <h9>
24 <h10>
25 <h11>
26 <h12>
27 <h13>
28 <h14>
29 <h15>
30 <h16>
31 <h17>
32 <h18>
33 <h19>
34 <h20>
35 <h21>
36 <h22>
37 <h23>
38 <h24>
39 <h25>
40 <h26>
41 <h27>
42 <h28>
43 <h29>
44 <h30>
45 <h31>
46 <h32>
47 <h33>
48 <h34>
49 <h35>
50 <h36>
51 <h37>
52 <h38>
53 <h39>
54 <h40>
55 <h41>
56 <h42>
57 <h43>
58 <h44>
59 <h45>
60 <h46>
61 <h47>
62 <h48>
63 <h49>
64 <h50>
65 <h51>
66 <h52>
67 <h53>
68 <h54>
69 <h55>
70 <h56>
71 <h57>
72 <h58>
73 <h59>
74 <h60>
75 <h61>
76 <h62>
77 <h63>
78 <h64>
79 <h65>
80 <h66>
81 <h67>
82 <h68>
83 <h69>
84 <h70>
85 <h71>
86 <h72>
87 <h73>
88 <h74>
89 <h75>
90 <h76>
91 <h77>
92 <h78>
93 <h79>
94 <h80>
95 <h81>
96 <h82>
97 <h83>
98 <h84>
99 <h85>
100 <h86>
101 <h87>
102 <h88>
103 <h89>
104 <h90>
105 <h91>
106 <h92>
107 <h93>
108 <h94>
109 <h95>
110 <h96>
111 <h97>
112 <h98>
113 <h99>
114 <h100>
115 <h101>
116 <h102>
117 <h103>
118 <h104>
119 <h105>
120 <h106>
121 <h107>
122 <h108>
123 <h109>
124 <h110>
125 <h111>
126 <h112>
127 <h113>
128 <h114>
129 <h115>
130 <h116>
131 <h117>
132 <h118>
133 <h119>
134 <h120>
135 <h121>
136 <h122>
137 <h123>
138 <h124>
139 <h125>
140 <h126>
141 <h127>
142 <h128>
143 <h129>
144 <h130>
145 <h131>
146 <h132>
147 <h133>
148 <h134>
149 <h135>
150 <h136>
151 <h137>
152 <h138>
153 <h139>
154 <h140>
155 <h141>
156 <h142>
157 <h143>
158 <h144>
159 <h145>
160 <h146>
161 <h147>
162 <h148>
163 <h149>
164 <h150>
165 <h151>
166 <h152>
167 <h153>
168 <h154>
169 <h155>
170 <h156>
171 <h157>
172 <h158>
173 <h159>
174 <h160>
175 <h161>
176 <h162>
177 <h163>
178 <h164>
179 <h165>
180 <h166>
181 <h167>
182 <h168>
183 <h169>
184 <h170>
185 <h171>
186 <h172>
187 <h173>
188 <h174>
189 <h175>
190 <h176>
191 <h177>
192 <h178>
193 <h179>
194 <h180>
195 <h181>
196 <h182>
197 <h183>
198 <h184>
199 <h185>
200 <h186>
201 <h187>
202 <h188>
203 <h189>
204 <h190>
205 <h191>
206 <h192>
207 <h193>
208 <h194>
209 <h195>
210 <h196>
211 <h197>
212 <h198>
213 <h199>
214 <h200>
215 <h201>
216 <h202>
217 <h203>
218 <h204>
219 <h205>
220 <h206>
221 <h207>
222 <h208>
223 <h209>
224 <h210>
225 <h211>
226 <h212>
227 <h213>
228 <h214>
229 <h215>
230 <h216>
231 <h217>
232 <h218>
233 <h219>
234 <h220>
235 <h221>
236 <h222>
237 <h223>
238 <h224>
239 <h225>
240 <h226>
241 <h227>
242 <h228>
243 <h229>
244 <h230>
245 <h231>
246 <h232>
247 <h233>
248 <h234>
249 <h235>
250 <h236>
251 <h237>
252 <h238>
253 <h239>
254 <h240>
255 <h241>
256 <h242>
257 <h243>
258 <h244>
259 <h245>
260 <h246>
261 <h247>
262 <h248>
263 <h249>
264 <h250>
265 <h251>
266 <h252>
267 <h253>
268 <h254>
269 <h255>
270 <h256>
271 <h257>
272 <h258>
273 <h259>
274 <h260>
275 <h261>
276 <h262>
277 <h263>
278 <h264>
279 <h265>
280 <h266>
281 <h267>
282 <h268>
283 <h269>
284 <h270>
285 <h271>
286 <h272>
287 <h273>
288 <h274>
289 <h275>
290 <h276>
291 <h277>
292 <h278>
293 <h279>
294 <h280>
295 <h281>
296 <h282>
297 <h283>
298 <h284>
299 <h285>
300 <h286>
301 <h287>
302 <h288>
303 <h289>
304 <h290>
305 <h291>
306 <h292>
307 <h293>
308 <h294>
309 <h295>
310 <h296>
311 <h297>
312 <h298>
313 <h299>
314 <h300>
315 <h301>
316 <h302>
317 <h303>
318 <h304>
319 <h305>
320 <h306>
321 <h307>
322 <h308>
323 <h309>
324 <h310>
325 <h311>
326 <h312>
327 <h313>
328 <h314>
329 <h315>
330 <h316>
331 <h317>
332 <h318>
333 <h319>
334 <h320>
335 <h321>
336 <h322>
337 <h323>
338 <h324>
339 <h325>
340 <h326>
341 <h327>
342 <h328>
343 <h329>
344 <h330>
345 <h331>
346 <h332>
347 <h333>
348 <h334>
349 <h335>
350 <h336>
351 <h337>
352 <h338>
353 <h339>
354 <h340>
355 <h341>
356 <h342>
357 <h343>
358 <h344>
359 <h345>
360 <h346>
361 <h347>
362 <h348>
363 <h349>
364 <h350>
365 <h351>
366 <h352>
367 <h353>
368 <h354>
369 <h355>
370 <h356>
371 <h357>
372 <h358>
373 <h359>
374 <h360>
375 <h361>
376 <h362>
377 <h363>
378 <h364>
379 <h365>
380 <h366>
381 <h367>
382 <h368>
383 <h369>
384 <h370>
385 <h371>
386 <h372>
387 <h373>
388 <h374>
389 <h375>
390 <h376>
391 <h377>
392 <h378>
393 <h379>
394 <h380>
395 <h381>
396 <h382>
397 <h383>
398 <h384>
399 <h385>
400 <h386>
401 <h387>
402 <h388>
403 <h389>
404 <h390>
405 <h391>
406 <h392>
407 <h393>
408 <h394>
409 <h395>
410 <h396>
411 <h397>
412 <h398>
413 <h399>
414 <h400>
415 <h401>
416 <h402>
417 <h403>
418 <h404>
419 <h405>
420 <h406>
421 <h407>
422 <h408>
423 <h409>
424 <h410>
425 <h411>
426 <h412>
427 <h413>
428 <h414>
429 <h415>
430 <h416>
431 <h417>
432 <h418>
433 <h419>
434 <h420>
435 <h421>
436 <h422>
437 <h423>
438 <h424>
439 <h425>
440 <h426>
441 <h427>
442 <h428>
443 <h429>
444 <h430>
445 <h431>
446 <h432>
447 <h433>
448 <h434>
449 <h435>
450 <h436>
451 <h437>
452 <h438>
453 <h439>
454 <h440>
455 <h441>
456 <h442>
457 <h443>
458 <h444>
459 <h445>
460 <h446>
461 <h447>
462 <h448>
463 <h449>
464 <h450>
465 <h451>
466 <h452>
467 <h453>
468 <h454>
469 <h455>
470 <h456>
471 <h457>
472 <h458>
473 <h459>
474 <h460>
475 <h461>
476 <h462>
477 <h463>
478 <h464>
479 <h465>
480 <h466>
481 <h467>
482 <h468>
483 <h469>
484 <h470>
485 <h471>
486 <h472>
487 <h473>
488 <h474>
489 <h475>
490 <h476>
491 <h477>
492 <h478>
493 <h479>
494 <h480>
495 <h481>
496 <h482>
497 <h483>
498 <h484>
499 <h485>
500 <h486>
501 <h487>
502 <h488>
503 <h489>
504 <h490>
505 <h491>
506 <h492>
507 <h493>
508 <h494>
509 <h495>
510 <h496>
511 <h497>
512 <h498>
513 <h499>
514 <h500>
515 <h501>
516 <h502>
517 <h503>
518 <h504>
519 <h505>
520 <h506>
521 <h507>
522 <h508>
523 <h509>
524 <h510>
525 <h511>
526 <h512>
527 <h513>
528 <h514>
529 <h515>
530 <h516>
531 <h517>
532 <h518>
533 <h519>
534 <h520>
535 <h521>
536 <h522>
537 <h523>
538 <h524>
539 <h525>
540 <h526>
541 <h527>
542 <h528>
543 <h529>
544 <h530>
545 <h531>
546 <h532>
547 <h533>
548 <h534>
549 <h535>
550 <h536>
551 <h537>
552 <h538>
553 <h539>
554 <h540>
555 <h541>
556 <h542>
557 <h543>
558 <h544>
559 <h545>
560 <h546>
561 <h547>
562 <h548>
563 <h549>
564 <h550>
565 <h551>
566 <h552>
567 <h553>
568 <h554>
569 <h555>
570 <h556>
571 <h557>
572 <h558>
573 <h559>
574 <h560>
575 <h561>
576 <h562>
577 <h563>
578 <h564>
579 <h565>
580 <h566>
581 <h567>
582 <h568>
583 <h569>
584 <h570>
585 <h571>
586 <h572>
587 <h573>
588 <h574>
589 <h575>
590 <h576>
591 <h577>
592 <h578>
593 <h579>
594 <h580>
595 <h581>
596 <h582>
597 <h583>
598 <h584>
599 <h585>
600 <h586>
601 <h587>
602 <h588>
603 <h589>
604 <h590>
605 <h591>
606 <h592>
607 <h593>
608 <h594>
609 <h595>
610 <h596>
611 <h597>
612 <h598>
613 <h599>
614 <h600>
615 <h601>
616 <h602>
617 <h603>
618 <h604>
619 <h605>
620 <h606>
621 <h607>
622 <h608>
623 <h609>
624 <h610>
625 <h611>
626 <h612>
627 <h613>
628 <h614>
629 <h615>
630 <h616>
631 <h617>
632 <h618>
633 <h619>
634 <h620>
635 <h621>
636 <h622>
637 <h623>
638 <h624>
639 <h625>
640 <h626>
641 <h627>
642 <h628>
643 <h629>
644 <h630>
645 <h631>
646 <h632>
647 <h633>
648 <h634>
649 <h635>
650 <h636>
651 <h637>
652 <h638>
653 <h639>
654 <h640>
655 <h641>
656 <h642>
657 <h643>
658 <h644>
659 <h645>
660 <h646>
661 <h647>
662 <h648>
663 <h649>
664 <h650>
665 <h651>
666 <h652>
667 <h653>
668 <h654>
669 <h655>
670 <h656>
671 <h657>
672 <h658>
673 <h659>
674 <h660>
675 <h661>
676 <h662>
677 <h663>
678 <h664>
679 <h665>
680 <h666>
681 <h667>
682 <h668>
683 <h669>
684 <h670>
685 <h671>
686 <h672>
687 <h673>
688 <h674>
689 <h675>
690 <h676>
691 <h677>
692 <h678>
693 <h679>
694 <h680>
695 <h681>
696 <h682>
697 <h683>
698 <h684>
699 <h685>
700 <h686>
701 <h687>
702 <h688>
703 <h689>
704 <h690>
705 <h691>
706 <h692>
707 <h693>
708 <h694>
709 <h695>
710 <h696>
711 <h697>
712 <h698>
713 <h699>
714 <h700>
715 <h701>
716 <h702>
717 <h703>
718 <h704>
719 <h705>
720 <h706>
721 <h707>
722 <h708>
723 <h709>
724 <h710>
725 <h711>
726 <h712>
727 <h713>
728 <h714>
729 <h715>
730 <h716>
731 <h717>
732 <h718>
733 <h719>
734 <h720>
735 <h721>
736 <h722>
737 <h723>
738 <h724>
739 <h725>
740 <h726>
741 <h727>
742 <h728>
743 <h729>
744 <h730>
745 <h731>
746 <h732>
747 <h733>
748 <h734>
749 <h735>
750 <h736>
751 <h737>
752 <h738>
753 <h739>
754 <h740>
755 <h741>
756 <h742>
757 <h743>
758 <h744>
759 <h745>
760 <h746>
761 <h747>
762 <h748>
763 <h749>
764 <h750>
765 <h751>
766 <h752>
767 <h753>
768 <h754>
769 <h755>
770 <h756>
771 <h757>
772 <h758>
773 <h759>
774 <h760>
775 <h761>
776 <h762>
777 <h763>
778 <h764>
779 <h765>
780 <h766>
781 <h767>
782 <h768>
783 <h769>
784 <h770>
785 <h771>
786 <h772>
787 <h773>
788 <h774>
789 <h775>
790 <h776>
791 <h777>
792 <h778>
793 <h779>
794 <h780>
795 <h781>
796 <h782>
797 <h783>
798 <h784>
799 <h785>
800 <h786>
801 <h787>
802 <h788>
803 <h789>
804 <h790>
805 <h791>
806 <h792>
807 <h793>
808 <h794>
809 <h795>
810 <h796>
811 <h797>
812 <h798>
813 <h799>
814 <h800>
815 <h801>
816 <h802>
817 <h803>
818 <h804>
819 <h805>
820 <h806>
821 <h807>
822 <h808>
823 <h809>
824 <h810>
825 <h811>
826 <h812>
827 <h813>
828 <h814>
829 <h815>
830 <h816>
831 <h817>
832 <h818>
833 <h819>
834 <h820>
835 <h821>
836 <h822>
837 <h823>
838 <h824>
839 <h825>
840 <h826>
841 <h827>
842 <h828>
843 <h829>
844 <h830>
845 <h831>
846 <h832>
847 <h833>
848 <h834>
849 <h835>
850 <h836>
851 <h837>
852 <h838>
853 <h839>
854 <h840>
855 <h841>
856 <h842>
857 <h843>
858 <h844>
859 <h845>
860 <h846>
861 <h847>
862 <h848>
863 <h849>
864 <h850>
865 <h851>
866 <h852>
867 <h853>
868 <h854>
869 <h855>
870 <h856>
871 <h857>
872 <h858>
873 <h859>
874 <h860>
875 <h861>
876 <h862>
877 <h863>
878 <h864>
879 <h865>
880 <h866>
881 <h867>
882 <h868>
883 <h869>
884 <h870>
885 <h871>
886 <h872>
887 <h873>
888 <h874>
889 <h875>
890 <h876>
891 <h877>
892 <h878>
893 <h879>
894 <h880>
895
```

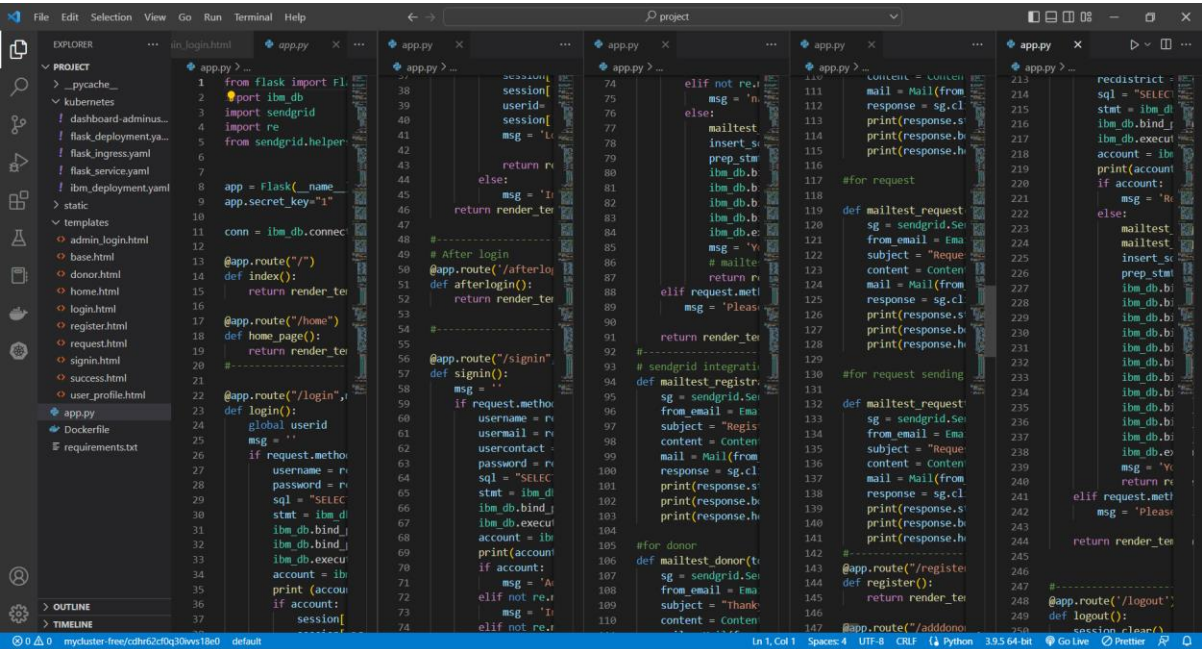
This screenshot shows the Visual Studio Code editor with two files open: `Dockerfile` and `requirements.txt`. The `Dockerfile` contains instructions to build a Docker image for a Python application. The `requirements.txt` file lists the dependencies for the application.

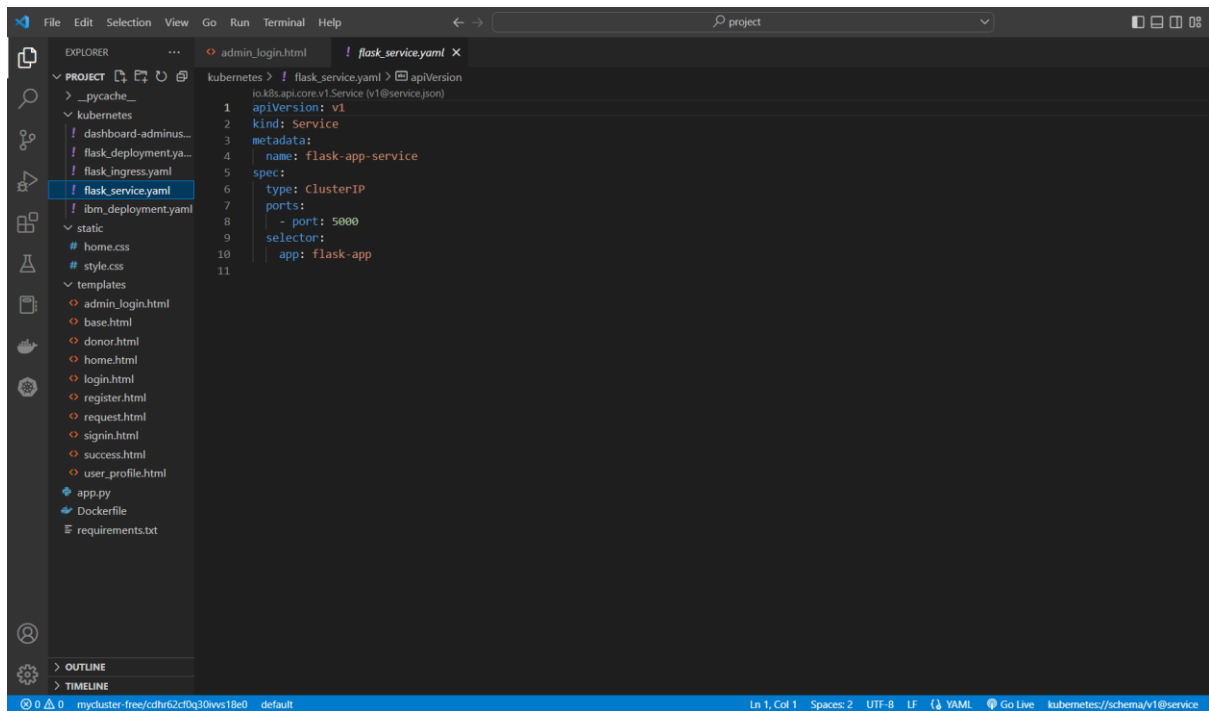
```
FROM python:3.9.5
WORKDIR /app
COPY requirements.txt ./
RUN pip install -r requirements.txt
COPY . .
EXPOSE 5000
CMD ["python","./app.py"]
```

```
1 flask
2 ibm_db
3 sendgrid
4
```

This screenshot shows the Visual Studio Code editor with the `ibm_deployment.yaml` file open. The file contains a Kubernetes Deployment manifest for the `flask-app`. The manifest specifies the number of replicas, the container image, and the ports to be exposed.

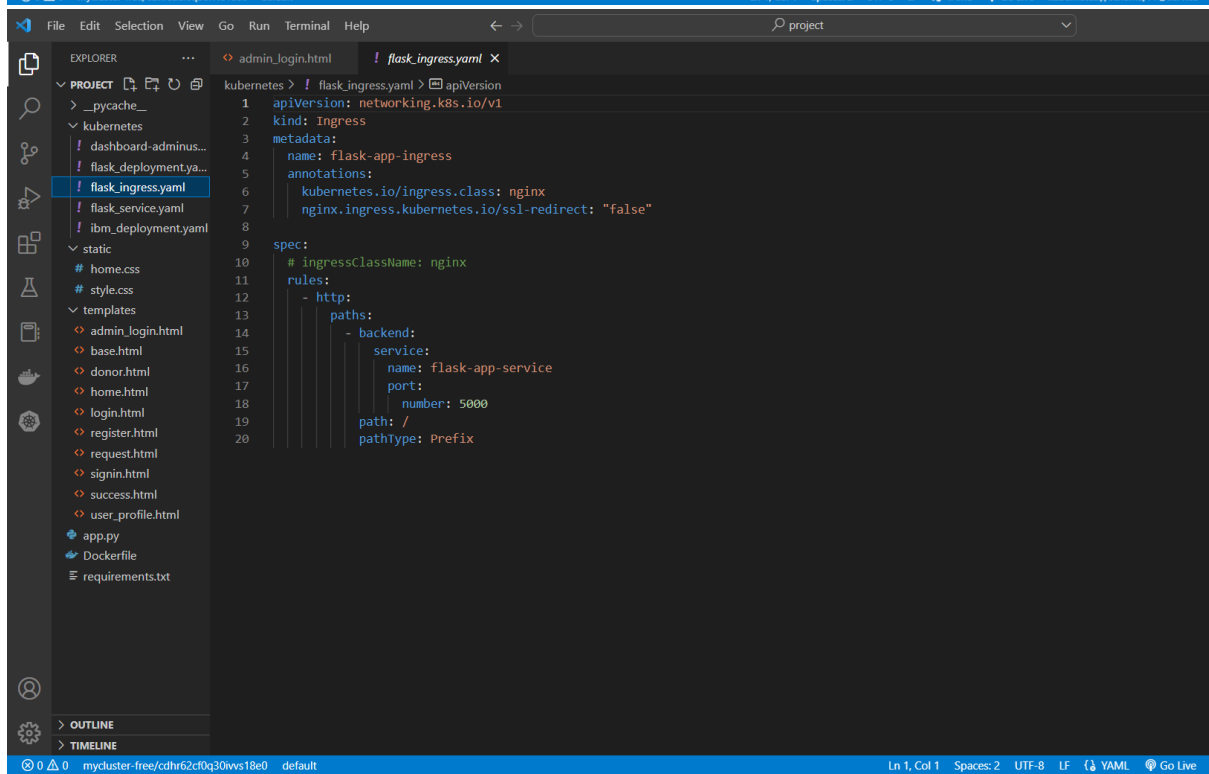
```
kubernetes > ! ibm_deployment.yaml > {} spec > {} template > [ ] containers
io.k8s.api.apps.v1.Deployment (v1@deployment.json)
1 apiVersion: apps/v1
2 kind: Deployment
3 metadata:
4   name: flask-app
5
6 spec:
7   replicas: 3
8   selector:
9     matchLabels:
10      app: flask-app
11   template:
12     metadata:
13       labels:
14         app: flask-app
15     spec:
16       containers:
17         - name: repo2
18           image: icr.io/plasmadonorapp1/repo2
19           imagePullPolicy: Always
20           ports:
21             - containerPort: 5000
22               protocol: TCP
23
24
```





This screenshot shows the Visual Studio Code editor with the file `flask_service.yaml` open. The Explorer sidebar on the left shows a project structure with a `kubernetes` folder containing several YAML files. The main editor area displays the content of `flask_service.yaml`, which is a Kubernetes Service manifest. The status bar at the bottom indicates the file is at line 1, column 1, with 2 spaces, in UTF-8 encoding, and is a valid YAML file.

```
1 apiVersion: v1
2 kind: Service
3 metadata:
4   name: flask-app-service
5 spec:
6   type: ClusterIP
7   ports:
8     - port: 5000
9     selector:
10       app: flask-app
```



This screenshot shows the Visual Studio Code editor with the file `flask_ingress.yaml` open. The Explorer sidebar on the left shows the same project structure as the previous screenshot. The main editor area displays the content of `flask_ingress.yaml`, which is a Kubernetes Ingress manifest. The status bar at the bottom indicates the file is at line 1, column 1, with 2 spaces, in UTF-8 encoding, and is a valid YAML file.

```
1 apiVersion: networking.k8s.io/v1
2 kind: Ingress
3 metadata:
4   name: flask-app-ingress
5 annotations:
6   kubernetes.io/ingress.class: nginx
7   nginx.ingress.kubernetes.io/ssl-redirect: "false"
8 spec:
9   # ingressClassName: nginx
10  rules:
11    - http:
12      paths:
13        - backend:
14            service:
15              name: flask-app-service
16              port:
17                number: 5000
18            path: /
19            pathType: Prefix
```

