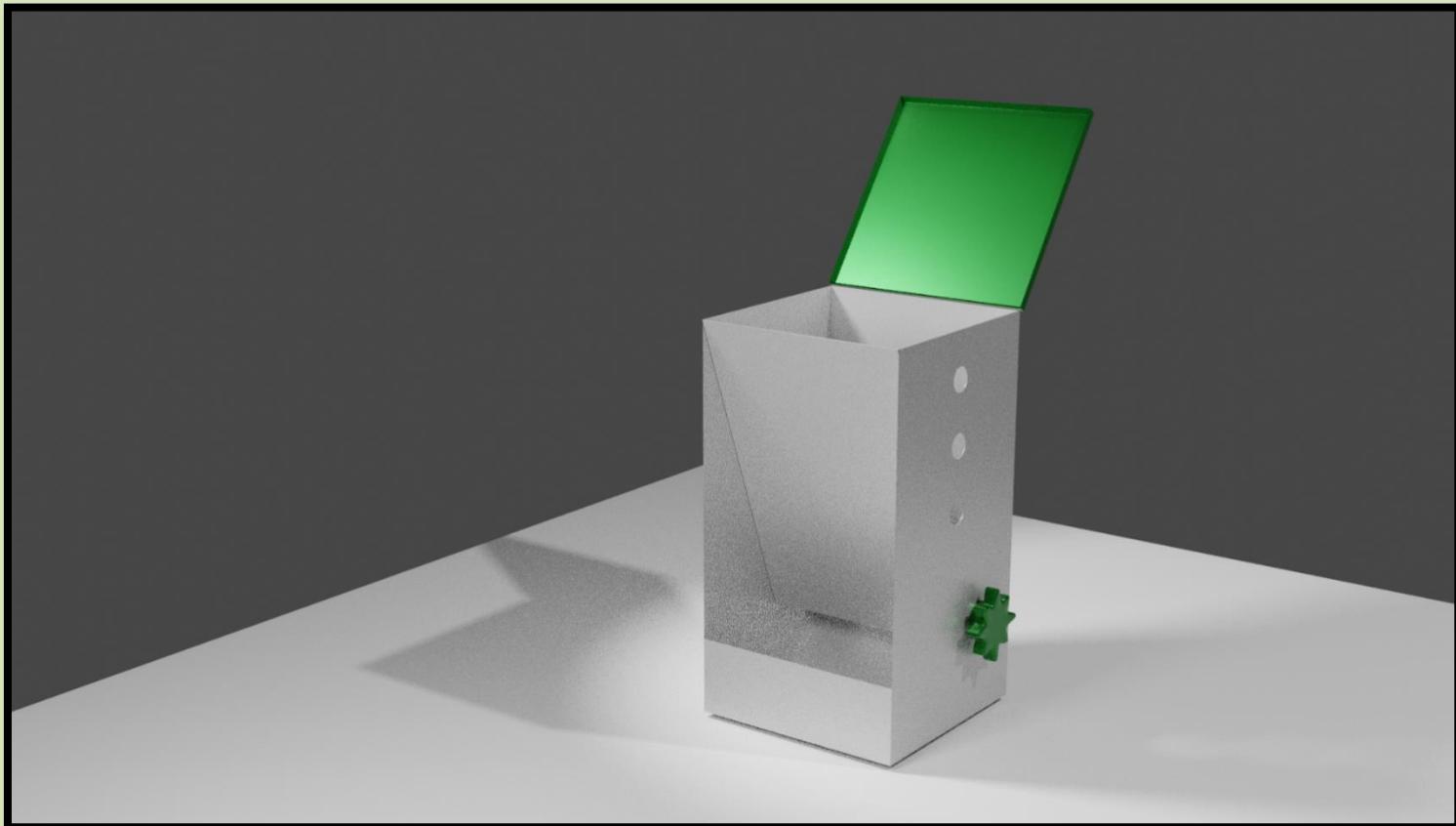


# Projet : Distributeur automatique de croquettes pour chiens



DESCHAUX-BEAUME Léo TST1

# Sommaire

- 1- Objectif et Problématiques du projet
- 2- Diagramme de Gantt
- 3- Présentation du Matériel
- 4- Présentation du Site Web
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- 6- Résultats
- 7- Cahier des charges
- 8- Conclusion

# Objectif

Répondre à la problématique suivante :

Comment **automatiser** le distributeur de croquettes ?

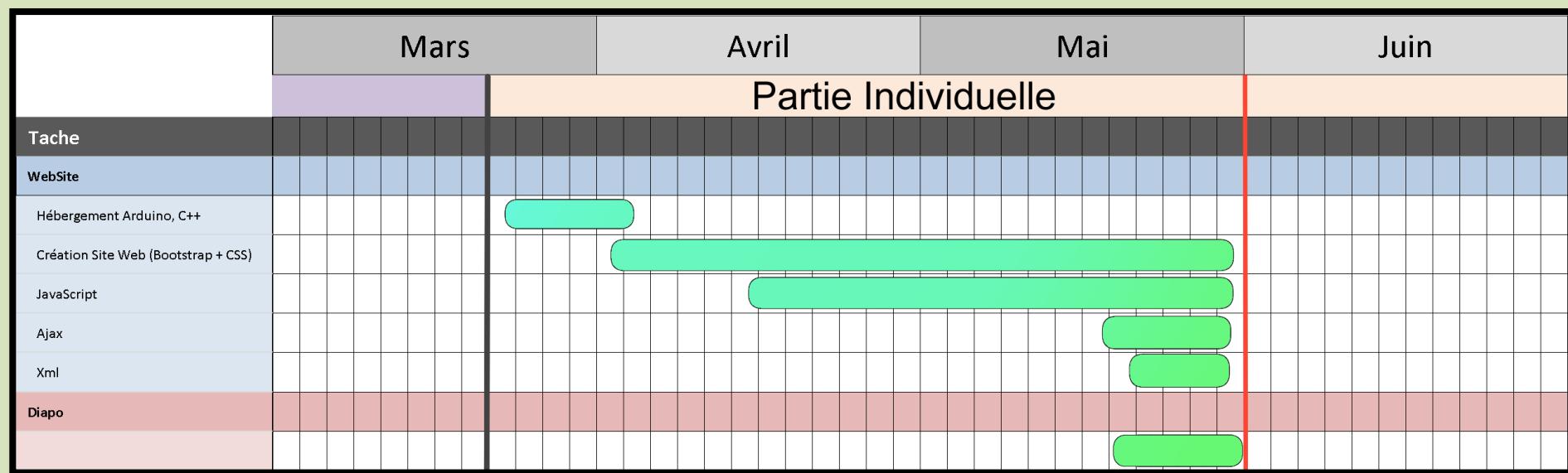
# Impératifs

- Différencier les chiens de l'utilisateur.
- Assurer un nourrissage individuel.
- Prévenir l'utilisateur quand le nourrissage est compromis.

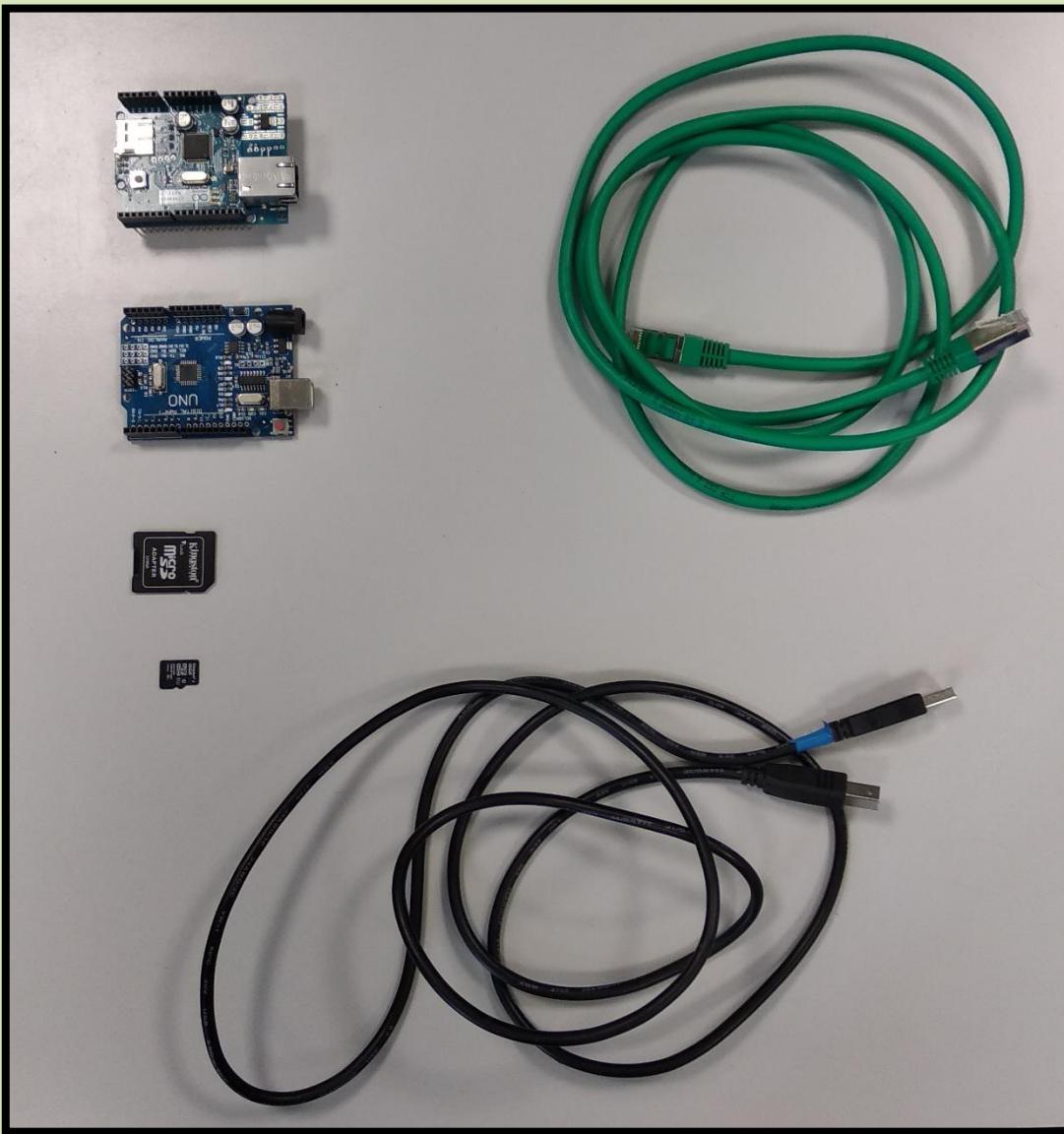
# Objectif et Problématiques perso

- Réaliser une page web statique permettant de consulter les profils des chiens de l'utilisateur
- ~~Relever des trames émises par la page web~~

# Diagramme de Gantt



# Présentation du matériel utilisé



# Présentation du site

Aperçu dans un navigateur

Distributeur De Croquettes

### Mes Chiens

**OUI**

Albert a bien mangé !  
à : 14h30  
heure du prochain repas : 19h00  
temps restant : 4h21m10s

[VOIR LE PROFIL](#)

**NON**

Rex n'a pas encore mangé.  
à : -  
heure du prochain repas : 20h00  
temps restant : 5h21m10s

[VOIR LE PROFIL](#)

À BIENTÔT !

Fichiers présents sur la carte Arduino

Nom	Modifié le	Type	Taille
serverWeb.ino	27/05/2020 14:32	Arduino file	6 Ko

Nom	Modifié le	Type	Taille
data.xml	26/05/2020 16:58	Fichier XML	1 Ko
data2.txt	26/05/2020 14:07	Fichier TXT	1 Ko
index.htm	28/05/2020 14:59	Chrome H...	11 Ko
style.css	26/05/2020 16:11	Document ...	4 Ko

# Programmes & Algorithmes

- Arduino
  - C++
- Data
  - XML
- Page web
  - HTML
  - CSS
  - JavaScript
  - + Bootstrap et AJAX

# C++

```
1 //include <SPI.h>
2 //include <Ethernet.h>
3 //include <SD.h>
4
5 // size of buffer used to capture HTTP requests
6 #define REQ_BUF_SZ 40
7
8 int i;
9 byte mac[] = { 0x00, 0xA0, 0x04, 0x0F, 0x26, 0x06 };
10 EthernetServer server(80);
11 File webfile;
12 char HTTP_req[REQ_BUF_SZ] = { 0 }; // buffered HTTP request stored as null terminated string
13 char req_index = 0; // index into HTTP_req buffer
14
15 void setup()
16 {
17     // disable Ethernet chip
18     pinMode(10, OUTPUT);
19     digitalWrite(10, HIGH);
20
21     Serial.begin(9600); // for debugging
22
23     Serial.println("Initializing SD card...");
24
25     if (SD.begin(4)) {
26         Serial.println("ERROR - SD card initialization failed!");
27         return; // exit failed
28     }
29
30     Serial.println("SUCCESS - SD card initialized.");
31
32     Ethernet.begin(mac); // initialize Ethernet device
33     server.begin(); // start to listen for clients
34
35     Serial.print("server is at ");
36     Serial.println(Ethernet.localIP());
37 }
```

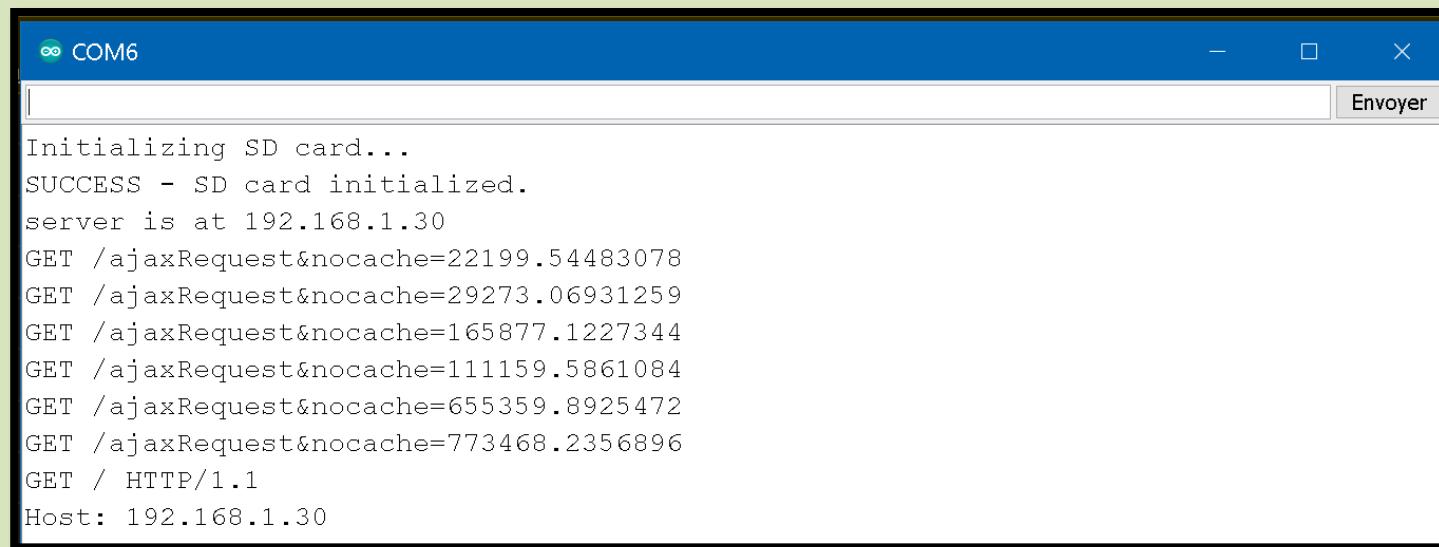
```
38 void loop()
39 {
40     EthernetClient client = server.available(); // try to get client
41
42     if (client) { // got client?
43         boolean currentLineIsBlank = true;
44         while (client.connected()) {
45             if (client.available()) { // client data available to read
46                 char c = client.read(); // read 1 byte (character) from client
47                 if (req_index < (REQ_BUF_SZ - 1)) {
48                     HTTP_req[req_index] = c; // save HTTP request character
49                     req_index++;
50                 }
51                 if (c == '\n' && currentLineIsBlank) {
52                     client.println("HTTP/1.1 200 OK");
53
54                     if (StrContains(HTTP_req, "GET /style.css"))
55                     {
56                         client.println("Content-Type: text/css");
57                         client.println("Connection: keep-alive");
58                         client.println();
59
60                         loadFile("style.css", client);
61                     }
62                     else if (StrContains(HTTP_req, "GET /script.js"))
63                     {
64                         client.println("Content-Type: text/javascript");
65                         client.println("Connection: keep-alive");
66                         client.println();
67
68                         loadFile("script.js", client);
69                     }
70                     else if (StrContains(HTTP_req, "ajaxRequest"))
71                     {
72                         client.println("Content-Type: text/xml");
73                         client.println("Connection: keep-alive");
74                         client.println("<xml version='1.0\'?>");
75                         loadFile("data2.txt", client);
76                     }
77                     else {
78                         client.println("Content-Type: text/html");
79                         client.println("Connection: keep-alive");
80                         client.println();
81
82                         loadFile("index.htm", client);
83                     }
84
85                     // display received HTTP request on serial port
86                     Serial.println(HTTP_req);
87
88                     // reset buffer index and all buffer elements to 0
89                     req_index = 0;
90                     StrClear(HTTP_req, REQ_BUF_SZ);
91                     break;
92
93                     // every line of text received from the client ends with \r\n
94                     if (c == '\n') {
95                         // last character on line of received text
96                         // replace it with next character read
97                         currentLineIsBlank = true;
98                     }
99                     else if (c != '\r') {
100                         // a text character was received from client
101                         currentLineIsBlank = false;
102                     }
103                 } // end if (client.available())
104             } // end while (client.connected())
105             delay(1); // give the web browser time to receive the data
106             client.stop(); // close the connection
107         } // end if (client)
108 }
```

serverWeb.cpp

```
114 void StrClear(char *str, char length)
115 {
116     for (int i = 0; i < length; i++) {
117         str[i] = 0;
118     }
119 }
120
121 char StrContains(char *str, char *find)
122 {
123     char found = 0;
124     char index = 0;
125     char len;
126
127     len = strlen(str);
128
129     if (strlen(find) > len) {
130         return 0;
131     }
132     while (index < len) {
133         if (str[index] == *find[found]) {
134             found++;
135             if (strlen(find) == found) {
136                 return 1;
137             }
138         }
139         else {
140             found = 0;
141         }
142         index++;
143     }
144     return 0;
145 }
146
147 void loadFile(String fileName, EthernetClient cl)
148 {
149     webfile = SD.open(fileName);
150
151     if (webfile)
152     {
153         while (webfile.available())
154         {
155             cl.write(webfile.read());
156         }
157         webfile.close();
158     }
159     else {
160         Serial.println("error opening the file");
161     }
162 }
```

```
1 #include <SPI.h>
2 #include <Ethernet.h>
3 #include <SD.h>
4
5 // size of buffer used to capture HTTP requests
6 #define REQ_BUF_SZ 40
7
8 int i;
9 byte mac[] = { 0x90, 0xA2, 0xDA, 0x0F, 0x26, 0x06 };
10 EthernetServer server(80);
11 File webFile;
12 char HTTP_req[REQ_BUF_SZ] = {0}; // buffered HTTP request stored as null terminated string
13 char req_index = 0; // index into HTTP_req buffer
14
15 void setup()
16 {
17     i=0;
18     // disable Ethernet chip
19     pinMode(10, OUTPUT);
20     digitalWrite(10, HIGH);
21
22     Serial.begin(9600); // for debugging
23
24     Serial.println("Initializing SD card...");
25     if (!SD.begin(4)) {
26         Serial.println("ERROR - SD card initialization failed!");
27         return; // init failed
28     }
29     Serial.println("SUCCESS - SD card initialized.");
30
31     Ethernet.begin(mac); // initialize Ethernet device
32     server.begin(); // start to listen for clients
33
34     Serial.print("server is at ");
35     Serial.println(Ethernet.localIP());
36 }
37
```

# Résultat Console Arduino



The screenshot shows a Windows Command Prompt window titled "COM6". The window has a blue header bar with the title and standard window controls (minimize, maximize, close). The main area of the window displays the following text:

```
Initializing SD card...
SUCCESS - SD card initialized.
server is at 192.168.1.30
GET /ajaxRequest&nocache=22199.54483078
GET /ajaxRequest&nocache=29273.06931259
GET /ajaxRequest&nocache=165877.1227344
GET /ajaxRequest&nocache=111159.5861084
GET /ajaxRequest&nocache=655359.8925472
GET /ajaxRequest&nocache=773468.2356896
GET / HTTP/1.1
Host: 192.168.1.30
```

The text represents the output of an Arduino sketch running on a serial port, likely COM6. It includes messages about initializing an SD card, the IP address of the server, and several GET requests for different URLs.

```

38 void loop()
39 {
40     EthernetClient client = server.available(); // try to get client
41
42     if (client) { // got client?
43         boolean currentLineIsBlank = true;
44         while (client.connected()) {
45             if (client.available()) { // client data available to read
46                 char c = client.read(); // read 1 byte (character) from client
47                 if (req_index < (REQ_BUF_SZ - 1)) {
48                     HTTP_req[req_index] = c; // save HTTP request character
49                     req_index++;
50                 }
51                 if (c == '\n' && currentLineIsBlank) {
52                     client.println("HTTP/1.1 200 OK");
53
54                     if (StrContains(HTTP_req, "GET /style.css"))
55                     {
56                         client.println("Content-Type: text/css");
57                         client.println("Connection: keep-alive");
58                         client.println();
59
60                         loadFile("style.css", client);
61                     }
62                     else if (StrContains(HTTP_req, "GET /script.js"))
63                     {
64                         client.println("Content-Type: text/javascript");
65                         client.println("Connection: keep-alive");
66                         client.println();
67
68                         loadFile("script.js", client);
69                     }
70                     else if (StrContains(HTTP_req, "ajaxRequest")) {
71                         client.println("Content-Type: text/xml");
72                         client.println("Connection: keep-alive");
73                         client.println();
74                         client.println("<?xml version = \"1.0\" ?>");
75                         loadFile("data2.txt", client);
76                     }
77                     else {
78                         client.println("Content-Type: text/html");
79                         client.println("Connection: keep-alive");
80                         client.println();
81
82                         loadFile("index.htm", client);
83                     }
84                     // display received HTTP request on serial port
85                     Serial.println(HTTP_req);
86                     // reset buffer index and all buffer elements to 0
87                     req_index = 0;
88                     StrClear(HTTP_req, REQ_BUF_SZ);
89                     break;
90                 }
91                 // every line of text received from the client ends with \r\n
92                 if (c == '\n') {
93                     // last character on line of received text
94                     // starting new line with next character read
95                     currentLineIsBlank = true;
96                 }
97                 else if (c != '\r') {
98                     // a text character was received from client
99                     currentLineIsBlank = false;
100                }
101            } // end if (client.available())
102        } // end while (client.connected())
103        delay(1); // give the web browser time to receive the data
104        client.stop(); // close the connection
105    } // end if (client)
106 }

```

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4      <html lang="fr">
5      <meta charset="utf-8">
6      <title> Distributeur de croquettes</title>
7
8      <!-- css
9      <link rel="stylesheet" href="css/bootstrap.min.css">
10     <link rel="stylesheet" type="text/css" href="css/style.css">-->
11
12     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
13     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
14
15     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
16
17     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>
18     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
19
20     <link rel="stylesheet" href="style.css" type="text/css" />
21
22     <!-- <script src="script.js"></script> -->
23
24     <!-- *JavaScript*
25     > ...
26 </head>

```

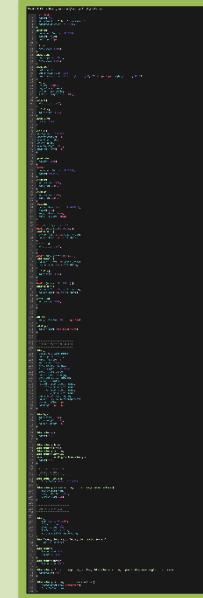
index.htm

```

1  <?xml version = "1.0" ?>
2  <data>
3      <dog>
4          <name>Albert</name>
5          <id>12345</id>
6          <age>8ans</age>
7          <poids>6kg</poids>
8          <ration>128g</ration>
9
10         <hasAten>1</hasAten>
11         <heureRepas>14h30</heureRepas>
12         <heureProchainRepas>19h00</heureProchainRepas>
13     </dog>
14     <dog>
15         <name>Rex</name>
16         <id>54321</id>
17         <age>5ans</age>
18         <poids>4kg</poids>
19         <ration>85g</ration>
20
21         <hasAten>0</hasAten>
22         <heureRepas>15h30</heureRepas>
23         <heureProchainRepas>20h00</heureProchainRepas>
24     </dog>
25 </data>

```

data.txt



style.css

# XML

```
1  <?xml version = \"1.0\" ?>
2  <data>
3    <dog>
4      <name>Albert</name>
5      <id>12345</id>
6      <age>8ans</age>
7      <poids>6kg</poids>
8      <ration>120g</ration>
9
10     <hasAten>1</hasAten>
11     <heureRepas>14h30</heureRepas>
12     <heureProchainRepas>19h00</heureProchainRepas>
13   </dog>
14   <dog>
15     <name>Rex</name>
16     <id>54321</id>
17     <age>5ans</age>
18     <poids>4kg</poids>
19     <ration>85g</ration>
20
21     <hasAten>0</hasAten>
22     <heureRepas>15h30</heureRepas>
23     <heureProchainRepas>20h00</heureProchainRepas>
24   </dog>
25 </data>
26
```

data.xml

data.txt - Bloc-notes

Fichier Edition Format Affichage Aide

```
<data><dog><name>Albert</name><id>12345</id><age>8ans</age><poids>6kg</poids><ration>120g</ration><hasEaten>1</hasEaten><heureRepas>14h30</heureRepas><heureProchainRepas>19h00</heureProchainRepas></dog><dog><name>Rex</name><id>54321</id><age>5ans</age><poids>4kg</poids><ration>85g</ration><hasEaten>0</hasEaten><heureRepas>15h30</heureRepas><heureProchainRepas>20h00</heureProchainRepas></dog></data>
```

data.txt

Distributeur De Croquettes

Mes Chiens



OUI

Albert a bien mangé !  
à : 14h30  
heure du prochain repas : 19h00  
temps restant : 4h24m04s

Voir le profil

Albert
ID: 12345
Age: 8ans
Poids: 6kg
Quantité De Croquettes: 120g



NON

Rex n'a pas encore mangé.  
à : -  
heure du prochain repas : 20h00  
temps restant : 5h24m04s

Voir le profil

Rex
ID: 54321
Age: 5ans
Poids: 4kg
Quantité De Croquettes: 85g

À BIENTÔT !

Pour plus de renseignements, contactez nous à l'adresse suivante :  
[croquettes@gmail.com](mailto:croquettes@gmail.com)

© 2020 Copyright

# HTML

```
1 <!DOCTYPE HTML>
2 <html>
3   <head>
4     <meta lang="fr">
5     <meta charset="utf-8">
6     <title>Distributeur de croquettes</title>
7
8     </head>
9     <link rel="stylesheet" href="css/bootstrap.min.css">
10    <link rel="stylesheet" type="text/css" href="css/style.css">-->
11
12    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
13    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
14
15    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
16
17    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>
18    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
19
20    <link rel="stylesheet" href="css/style.css" type="text/css"/>
21
22    </head>
23
24    <script src="src/main.js"></script> -->
25
26    <body>
27      <h1>JavaScript</h1>
28    </body>
29  </html>
```

```
51   <body onload="GetDogState()">
52
53   <!-- BANNER -->
54   <div class="container-fluid padding banner">
55     <h1 class="title" style="text-align: center;"><span class="align-middle">Distributeur De Croquettes</span>
56   </div>
57
58   <div style="background-color: white;">
59
60     <!-- Header -->
61     <div class="container-fluid padding">
62       <h1 id="mesChiens2" class="mesChiens align-middle" style="text-align: center;">Mes Chiens</h1>
63     </div>
64
65     <hr class="light">
```

```
    if (m_pCurrentClass->GetID() == m_pCurrentMethod->GetMethodID())
        m_pCurrentMethod->SetMethodID(m_pCurrentMethod->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(m_pCurrentMethod->GetMethodID());
}

void CJavaVM::CallObjectMethod(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}

void CJavaVM::CallObjectMethodA(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}

void CJavaVM::CallObjectMethodV(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args, JValue vargs)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}

void CJavaVM::CallObjectMethodA(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args, JValue vargs)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}

void CJavaVM::CallObjectMethodV(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args, JValue vargs)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}

void CJavaVM::CallObjectMethodV(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args, JValue vargs)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}

void CJavaVM::CallObjectMethodV(JNIEnv* env, JNIEnv* jniEnv, JObject obj, JMethod method, JValue args, JValue vargs)
{
    if (m_pCurrentClass->GetID() == method->GetMethodID())
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
    else
        m_pCurrentMethod->SetMethodID(method->GetMethodID());
}
```

```
188 <div class="my-a-light">
189
190 <!-- little footer -->
191 <div>prefooter</div>
192 </div>
193
194 </div>
195
196 <!-- Footer -->
197 <div class="page-footer font-small teal pt-4">
198 <div class="container">
199
200 <div class="col-md-12 text-center footer">
201
202 <b>class="text-uppercase font-weight-bold text-center footer" align="middle">à bientôt ! </b>
203
204 <p>Pour plus de renseignements, contactez nous à l'adresse suivante : </p>
205
206 <b>class="font-weight-bold">croquette@mail.com</b>
207
208 <br>
209 <b>class="text-align:center font-weight-bold">
210 Copyright 2020 </b>
211 </div>
212
213 </div>
214
215 </div>
```

index.htm

# Header

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <html lang="fr">
5      <meta charset="utf-8">
6      <title> Distributeur de croquettes</title>
7
8      <!-- css
9      <link rel="stylesheet" href="css/bootstrap.min.css">
10     <link rel="stylesheet" type="text/css" href="css/style.css">-->
11
12     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
13     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
14
15     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
16
17     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>
18     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
19
20     <link rel="stylesheet" href="style.css" type="text/css" />
21
22     <!-- <script src="script.js"></script> -->
23
24     <!-- *JavaScript*
25     --> ***
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50  </head>
```

# Body - Banner

```
51 <body onload="GetDogState()">
52
53 <!-- BANNER -->
54 <div class="container-fluid padding banner">
55   |   <h1 class="title" style="text-align: center;"><span class="align-middle">Distributeur De Croquettes</span></h1>
56 </div>
57
58 <div style="background-color: white;">
59
60 <!-- Header -->
61 <div class="container-fluid padding">
62   |   <h1 id="mesChiens2" class="mesChiens align-middle" style="text-align: center;">Mes Chiens</h1>
63 </div>
64
65 <hr class="light">
66
```



# Body - Cards Chiens

Chien n°1

```
71 <!-- ***** DOG 1 ***** -->
72 <div class="col-xs-12 col-lg-6 mt-bot">
73 <div class="card">
74
75   
76
77   <div class="card-body dogCard">
78
79     <div class="container-fluid text-center" style="">
80
81       <!-- dog state -->
82       <div class="text-center infoPlus" style="">
83         <h1 class="answer" id="dogState_0_01">xxxx</h1>
84
85         <hr class="light">
86
87         <p id="dogState_0_02">xxxxx</p>
88         <p>à : <span id="dogState_0_03" class="hourText">xxxxx</span></p>
89         <p>heure du prochain repas : <span id="dogState_0_04" class="hourText">xxxxx</span></p>
90         <p>temps restant : <span id="dogState_0_05" class="hourText">xxxxx</span></p>
91
92
93       <!-- fill with java-->
94       <div class="container-fluid" style="text-align: right">
95         <a class="btn btn-primary btn raised" data-toggle="collapse" href="#collapse1" role="button"><span>Voir le Profil</span></a>
96       <br>
97       <br>
98     </div>
99
100    <div class="collapse" id="collapse1">
101      <div class="card card-body display-3" style="background-color: #2b2b2b; border: 1px solid #d5d5d5;">
102        <div class="infoPlus" style="background-color: #2b2b2b">
103          <p class="card-title">
104            <span id="template_1_1" class="shell">Chien n°1</span>
105          </p>
106          <p>ID:<br> <span id="template_1_2" class="hourText">xxxxx</span></p>
107          <p>Age:<br> <span id="template_1_3" class="hourText">xxxxx</span></p>
108          <p>Poids:<br> <span id="template_1_4" class="hourText">xxxxx</span></p>
109          <p>Quantité De Croquettes:<br> <span id="template_1_5" class="hourText">xxxxx</span></p>
110
111        </div>
112      </div>
113    </div>
114  </div>
115
116  </div>
117
118  </div>
119
120  </div>
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122  </div>
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124  </div>
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178
179
180
181
182
183
184
185
186
187
```

Chien n°2

```
127 <!-- ***** DOG 2 ***** -->
128 <div class="col-xs-12 col-lg-6 mt-bot">
129 <div class="card">
130
131   
132
133   <div class="card-body dogCard">
134
135     <div class="container-fluid text-center" style="">
136
137       <!-- dog state -->
138       <div class="text-center infoPlus" style="">
139         <h1 class="answer" id="dogState_1_01">xxx</h1>
140
141         <hr class="light">
142
143         <p id="dogState_1_02">xxxxx</p>
144         <p>à : <span id="dogState_1_03" class="hourText">xxxxx</span></p>
145         <p>heure du prochain repas : <span id="dogState_1_04" class="hourText">xxxxx</span></p>
146         <p>temps restant : <span id="dogState_1_05" class="hourText">xxxxx</span></p>
147
148
149   </div>
150
151   <!-- fill with java-->
152   <div class="container-fluid" style="text-align: right">
153     <a class="btn btn-primary btn raised" data-toggle="collapse" href="#collapse2" role="button"><span>Voir le Profil</span></a>
154   <br>
155   <br>
156 </div>
157
158   <div class="collapse" id="collapse2">
159     <div class="card card-body display-3" style="background-color: #2b2b2b; border: 1px solid #d5d5d5;">
160       <div class="infoPlus" style="background-color: #2b2b2b">
161         <p class="card-title">
162           <span id="template_0_1" class="shell">chien n°2</span>
163         </p>
164         <p>ID:<br> <span id="template_0_2" class="hourText">xxxxx</span></p>
165         <p>Age:<br> <span id="template_0_3" class="hourText">xxxxx</span></p>
166         <p>Poids:<br> <span id="template_0_4" class="hourText">xxxxx</span></p>
167         <p>Quantité De Croquettes:<br> <span id="template_0_5" class="hourText">xxxxx</span></p>
168
169       </div>
170     </div>
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
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```

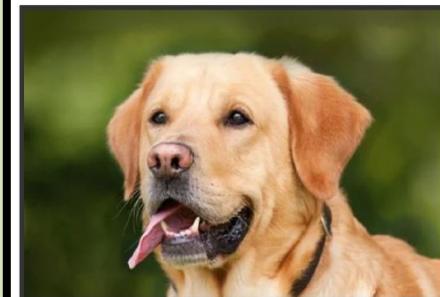
```

71 <!-- ***** DOG 1 ***** -->
72 <div class="col-xs-12 col-lg-6 mt-bot">
73   <div class="card">
74
75     
76
77     <div class="card-body dogCard">
78
79       <div class="container-fluid text-center" style="">
80
81         <!-- dog state -->
82         <div class="text-center infoPlus" style="">
83           <h1 class="answer" id="dogState_0_01">xxx</h1>
84
85           <hr class="light">
86
87           <p id="dogState_0_02">xxxxx</p>
88           <p>à : <span id="dogState_0_03" class="hourText">xxxxx</span></p>
89           <p>heure du prochain repas : <span id="dogState_0_04" class="hourText">xxxxx</span></p>
90           <p>temps restant : <span id="dogState_0_05" class="hourText">xxxxx</span></p>
91         </div>
92
93         <!-- fill whith java-->
94         <div class="container-fluid" style="text-align: right">
95           <a class="btn btn-primary btn raised" data-toggle="collapse" href="#collapse1" role="button"><span>Voir le Profil</span></a>
96           <br>
97           <br>
98         </div>
99
100        <div class="collapse" id="collapse1">
101          <div class="card card-body display-3" style="background-color: #2b2b2b; border: 1px solid #d5d5d5;">
102            <div class="infoPlus" style="background-color: #2b2b2b">
103              <p class="card-title">
104                <span id="template_1_1" class="shell">Chien n°1</span>
105              </p>
106              <div>
107                <span id="template_1_2" class="hourText">xxxxx</span>
108              </span>
109              <div>Age:</div>
110              <span id="template_1_3" class="hourText">xxxxx</span>
111            </span>
112            <div>Poids:</div>
113            <span id="template_1_4" class="hourText">xxxxx</span>
114          </span>
115          <div>Quantité De Croquettes:</div>
116          <span id="template_1_5" class="hourText">xxxxx</span>
117        </span>
118      </div>
119    </div>
120  </div>
121
122  </div>
123 </div>
124 </div>
125 </div>
126

```

## Distributeur De Croquettes

### Mes Chiens



XXX

xxxxx

à : xxxxx

heure du prochain repas :

xxxxx

temps restant : xxxxx

[VOIR LE PROFIL](#)

Chien n°1

ID: xxxxx

Age: xxxxx

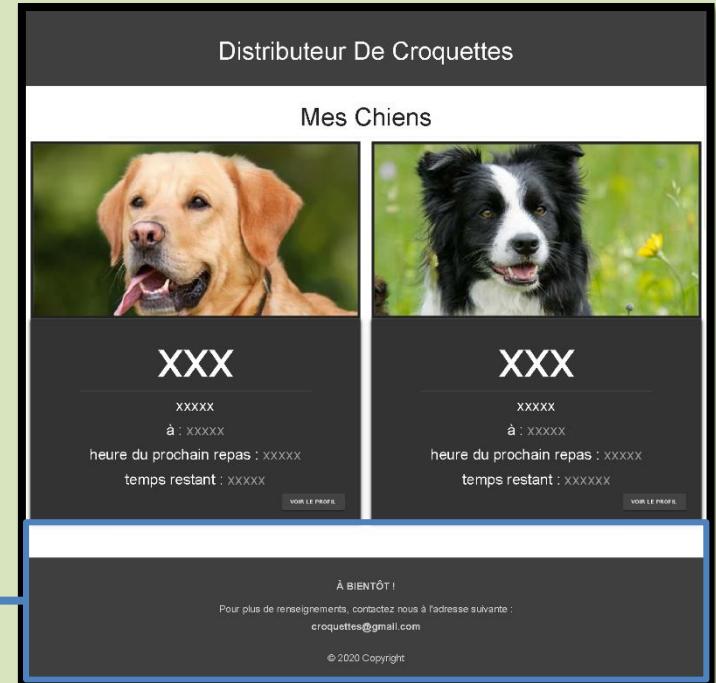
Poids: xxxxx

Quantité De Croquettes:

xxxxx

# Footer

```
188     <hr class="my-4 light">
189
190     <!-- little footer -->
191     <div class="prefooter">
192     </div>
193
194     <!-- Footer -->
195     <footer class="page-footer font-small teal pt-4">
196         <div class="container">
197
198             <div class="col-md-12 text-center footer">
199
200                 <h5 class="text-uppercase font-weight-bold text-center footerH align-middle">à bientôt !</h5>
201
202                 <p>Pour plus de renseignements, contactez nous à l'adresse suivante : </p>
203
204                 <p class="font-weight-bold">croquettes@gmail.com</p>
205
206                 <br>
207
208                 <p>© 2020 Copyright</p>
209
210             </div>
211
212         </div>
213
214     </footer>
```



# CSS

```
    if (is_prime(n)) {
        cout << "The number " << n << " is prime." << endl;
    } else {
        cout << "The number " << n << " is not prime." << endl;
    }
}

int main() {
    cout << "Enter a number: ";
    int n;
    cin >> n;
    is_prime(n);
    return 0;
}
```

```
1  html, body {
2    background-color: #3f3f3f;
3  }
4  .banner {
5    color: white;
6    padding: 50px;
7  }
8  .title {
9    font-size: 50px;
10 }
11 .mechane {
12   padding-top: 30px;
13   font-size: 50px;
14 }
15 .dogCard{
16   color:white;
17   background-color:#3333;
18   box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 1), 0 6px 20px 0 rgba(0, 0, 0, 0.1);
19 }
20 .img {
21   width: 280px;
22   object-fit: cover;
23   border: 2px solid;
24   filter: brightness(100%);
25 }
26 .answer{
27   font-size: 35px;
28 }
29 .infoplus{
30   font-size: 30px;
31 }
32 .hourText{
33   color: #999;
34 }
35 .shell {
36   background: #d5d5d5;
37   border-radius: 18px;
38   overflow:hidden;
39   color: black;
40   padding-left: 10px;
41   padding-right: 18px;
42 }
43 .mt-bot {
44   margin-bottom: 20px !important;
45 }
46 .mt-top {
47   margin-top: 20px !important;
48 }
49 hr.light{
50   border-top: 1px solid #d5d5d5;
51   width: 75%;
52   margin-top: 1.8em;
53   margin-bottom: 1em;
54 }
55 .prefooter{
56   height: 50px;
57 }
58 .dot{
59   background-color: #3f3f3f;
60   color: #d5d5d5;
61 }
62 .footer{
63   font-size: 20px;
64   padding: 20px;
65 }
66 .footerin{
67   font-size: 10px;
68   padding: 20px;
69 }
```

```
72 /*---Media Queries ---*/
73 @media (min-width: 992px) {
74   .middleRule {
75     border-right: 1px solid white;
76     border-top: 0px solid white;
77   }
78   .infoPlus{
79     font-size: 300%;
80   }
81 }
82 @media (max-width: 1000px) {
83   .middleRule {
84     border-right: 0px solid white;
85     border-top: 1px solid white;
86   }
87   .infoPlus{
88     font-size: 350%;
89   }
90 }
91 @media (max-width: 768px) {
92   .middleRule {
93     border-right: 0px solid white;
94     border-top: 1px solid white;
95   }
96   .infoPlus{
97     font-size: 350%;
98   }
99 }
```

```
227 .ask {
228   background-color: #f0f0f0;
229   padding: 4px 10px;
230   border-radius: 4px;
231   font-size: 14px;
232   color: #333;
233   text-decoration: none;
234   border: 1px solid #ccc;
235   vertical-align: middle;
236   margin-bottom: 10px;
237   width: 100px;
238   text-decoration: none;
239   color: inherit;
240   border: none;
241   outline: none;
242   cursor: pointer;
243   transition: all 0.3s ease-in-out;
244 }
245 .ask:active {
246   background-color: #e0e0e0;
247   border: 1px solid #ccc;
248   color: #333;
249   outline: none;
250   font-weight: bold;
251   border-radius: 4px;
252   padding: 4px 10px;
253   margin-bottom: 10px;
254   width: 100px;
255   text-decoration: none;
256   color: inherit;
257   border: none;
258   outline: none;
259   cursor: pointer;
260   transition: all 0.3s ease-in-out;
261 }
262 .ask:disabled {
263   background-color: #f0f0f0;
264   border: 1px solid #ccc;
265   color: #333;
266   outline: none;
267   font-weight: bold;
268   border-radius: 4px;
269   padding: 4px 10px;
270   margin-bottom: 10px;
271   width: 100px;
272   text-decoration: none;
273   color: inherit;
274   border: none;
275   outline: none;
276   cursor: not-allowed;
277   transition: all 0.3s ease-in-out;
278 }
279 .ask:disabled:active {
280   background-color: #f0f0f0;
281   border: 1px solid #ccc;
282   color: #333;
283   outline: none;
284   font-weight: bold;
285   border-radius: 4px;
286   padding: 4px 10px;
287   margin-bottom: 10px;
288   width: 100px;
289   text-decoration: none;
290   color: inherit;
291   border: none;
292   outline: none;
293   cursor: not-allowed;
294   transition: all 0.3s ease-in-out;
295 }
296 .ask:disabled:disabled {
297   background-color: #f0f0f0;
298   border: 1px solid #ccc;
299   color: #333;
300   outline: none;
301   font-weight: bold;
302   border-radius: 4px;
303   padding: 4px 10px;
304   margin-bottom: 10px;
305   width: 100px;
306   text-decoration: none;
307   color: inherit;
308   border: none;
309   outline: none;
310   cursor: not-allowed;
311   transition: all 0.3s ease-in-out;
312 }
313 .ask:disabled:disabled:active {
314   background-color: #f0f0f0;
315   border: 1px solid #ccc;
316   color: #333;
317   outline: none;
318   font-weight: bold;
319   border-radius: 4px;
320   padding: 4px 10px;
321   margin-bottom: 10px;
322   width: 100px;
323   text-decoration: none;
324   color: inherit;
325   border: none;
326   outline: none;
327   cursor: not-allowed;
328   transition: all 0.3s ease-in-out;
329 }
330 .ask:disabled:disabled:disabled {
331   background-color: #f0f0f0;
332   border: 1px solid #ccc;
333   color: #333;
334   outline: none;
335   font-weight: bold;
336   border-radius: 4px;
337   padding: 4px 10px;
338   margin-bottom: 10px;
339   width: 100px;
340   text-decoration: none;
341   color: inherit;
342   border: none;
343   outline: none;
344   cursor: not-allowed;
345   transition: all 0.3s ease-in-out;
346 }
347 .ask:disabled:disabled:disabled:active {
348   background-color: #f0f0f0;
349   border: 1px solid #ccc;
350   color: #333;
351   outline: none;
352   font-weight: bold;
353   border-radius: 4px;
354   padding: 4px 10px;
355   margin-bottom: 10px;
356   width: 100px;
357   text-decoration: none;
358   color: inherit;
359   border: none;
360   outline: none;
361   cursor: not-allowed;
362   transition: all 0.3s ease-in-out;
363 }
```

```
1  html, body{
2    background-color: #3f3f3f;
3  }
4  .banner{
5    color: white;
6    padding: 50px;
7  }
8  .title{
9    font-size: 500%;
10 }
11 .mesChiens{
12   padding-top: 30px;
13   font-size: 500%;
14 }
15 .dogCard{
16   color:white;
17   background-color:#333;
18   box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 1), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
19 }
20 .img {
21   height: 500px;
22   object-fit: cover;
23   border: 8px solid;
24   filter: brightness(100%);
25 }
26 .answer{
27   font-size: 350%;
28 }
29 .infoPlus{
30   font-size: 300%;
31 }
32 .hourText{
33   color: #999;
34 }
35 .shell {
36   background: #d5d5d5;
37   border-radius: 10px;
38   overflow:hidden;
39   color: black;
40   padding-left: 10px;
41   padding-right: 10px;
42 }
43 .mt-bot {
44   margin-bottom: 20px !important;
45 }
46 .mt-top {
47   margin-top: 20px !important;
48 }
49 hr.light{
50   border-top: 1px solid #d5d5d5;
51   width: 75%;
52   margin-top: .8rem;
53   margin-bottom: 1rem;
54 }
55 .prefooter{
56   height: 50px;
57 }
58 footer{
59   background-color: #3f3f3f;
60   color: #d5d5d5;
61 }
62 .footer{
63   font-size: 200%;
64   padding: 20px;
65 }
66 .footerH{
67   font-size: 100%;
68   padding: 20px;
69 }
```

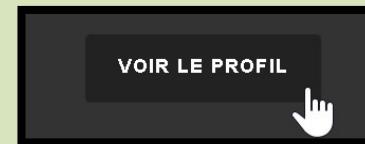
```
72  /*---Media Queries --*/
73  @media (min-width: 992px) {
74    ▼ .middleRule {
75      border-right: 1px solid white;
76      border-top: 0px solid white;
77    }
78    .infoPlus{
79      font-size: 300%;
80    }
81  }
82  @media (max-width: 1000px) {
83    ▼ .middleRule {
84      border-right: 0px solid white;
85      border-top: 1px solid white;
86    }
87    .infoPlus{
88      font-size: 350%;
89    }
90  }
91  @media (max-width: 768px) {
92    ▼ .middleRule {
93      border-right: 0px solid white;
94      border-top: 1px solid white;
95    }
96    .infoPlus{
97      font-size: 350%;
98    }
99  }
100 }
```

```

107 .btn {
108   display: inline-block;
109   padding: 6px 12px;
110   margin-bottom: 0;
111   font-size: 14px;
112   font-weight: normal;
113   line-height: 1.42857143;
114   text-align: center;
115   white-space: nowrap;
116   vertical-align: middle;
117   cursor: pointer;
118   -webkit-user-select: none;
119   -moz-user-select: none;
120   -ms-user-select: none;
121   user-select: none;
122   background-image: none;
123   border: 1px solid transparent;
124   border-radius: 4px;
125   padding: 10px 16px;
126 }
127 .btn-lg {
128   font-size: 18px;
129   line-height: 1.33;
130   border-radius: 6px;
131 }
132 .btn-primary {
133   color: #fff;
134 }
135
136 .btn-primary:hover,
137 .btn-primary:focus,
138 .btn-primary:active,
139 .btn-primary.active,
140 .open .dropdown-toggle.btn-primary {
141   color: #fff;
142 }
143 .btn-primary.raised {
144   box-shadow: 0 3px 0 0 #222;
145 }
146 .btn-primary.raised:active, .btn-primary.raised.active {
147   box-shadow: none;
148   margin-bottom: -3px;
149   margin-top: 3px;
150 }
151 .btn {
152   padding: 14px 24px;
153   border: 0 none;
154   font-weight: 700;
155   letter-spacing: 1px;
156   text-transform: uppercase;
157 }
158 .btn:focus, .btn:active:focus, .btn.active:focus {
159   outline: 0 none;
160 }
161 .btn-primary {
162   background: #444;
163   color: #ffffff;
164 }
165 .btn-primary:hover{
166   background: #222;
167 }
168 .btn-primary:active, .btn-primary.active, .open > .dropdown-toggle.btn-primary{
169   background: #444;
170 }

```

# Les boutons



# JavaScript

```
26 <script>
27   function GetDogState()
28   {
29     nocache = "&nocache=" + Math.random() * 1000000;
30     var request = new XMLHttpRequest();
31     request.onreadystatechange = function()
32     {
33       if (this.readyState == 4) {
34         if (this.status == 200) {
35           if (this.responseXML != null)
36           {
37             var xmlDoc = this.responseXML;
38             processData(xmlDoc);
39           }
40         }
41       }
42     }
43     request.open("GET", "ajaxRequest" + nocache, true);
44     request.send(null);
45     setTimeout('GetDogState()', 1000);
46   }
47 </script>
48
49 </head>
50 <body onload="GetDogState()">
```

# index.htm

```

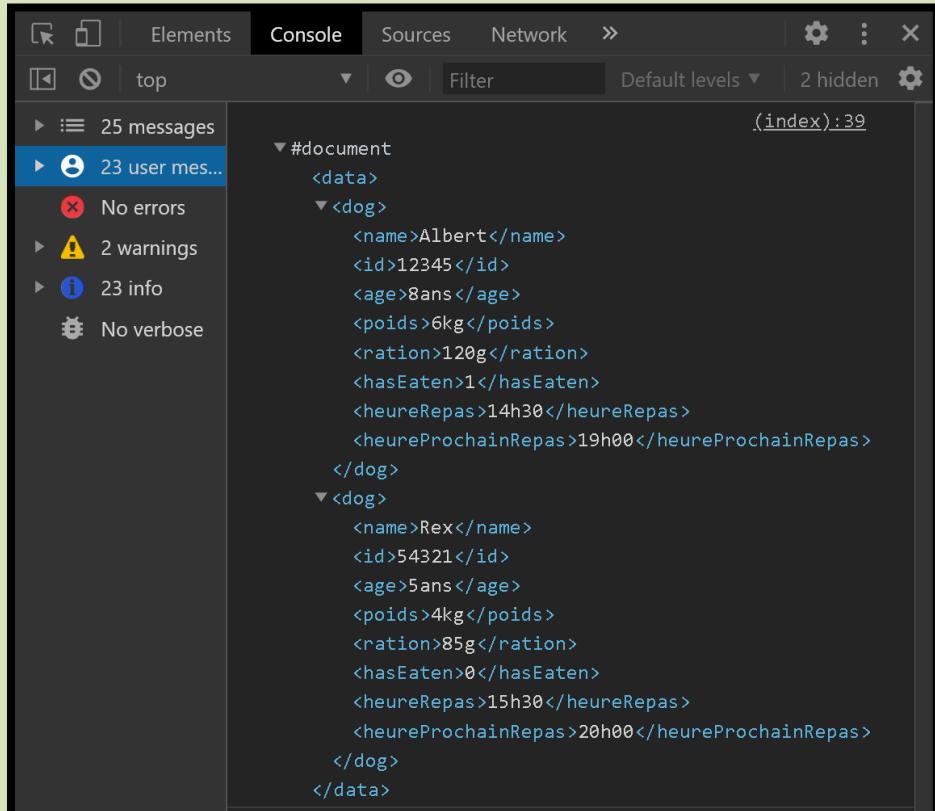
279 //Function() {
280 //    int i;
281 //    int j;
282 //    int k;
283 //
284 //    function multidimensional() {
285 //        intValue(0,0,0,0);
286 //        intValue(0,0,0,0);
287 //        intValue(0,0,0,0);
288 //    }
289 //
290 //    function intValue(x,y,z,w)
291 //    {
292 //        if((x <= 0) & (y <= 0))
293 //        {
294 //            return;
295 //        }
296 //
297 //        var today = new Date();
298 //
299 //        var productHours = (intValue(0,0,0,0)) * 1;
300 //        var productMinutes = (intValue(0,0,0,0)) * 1;
301 //        var productSeconds = (intValue(0,0,0,0)) * 1;
302 //        var productMiliseconds = (intValue(0,0,0,0));
303 //
304 //        var productMiliseconds = today.getMilliseconds();
305 //        var productSeconds = (today.getSeconds());
306 //        var productMinutes = (today.getMinutes());
307 //        var productHours = (today.getHours());
308 //
309 //        var miliseconds = ((productHours * 1000) * 60 * 60 * 1000) + ((productMinutes * 1000) * 60) + (productSeconds * 1000) + productMiliseconds;
310 //        var miliseconds = (today.getMilliseconds()) - miliseconds;
311 //        var distance = Math.floor(miliseconds);
312 //        var distance = Math.floor(distance / (60 * 60 * 1000));
313 //        var distance = Math.floor(distance / (60 * 1000));
314 //        var distance = Math.floor(distance / 60);
315 //        var distance = Math.floor(distance / 10);
316 //
317 //        if((distance < 10))
318 //        {
319 //            seconds = "0" + distance;
320 //        }
321 //        else
322 //        {
323 //            minutes = "0" + distance;
324 //        }
325 //
326 //        var temperature = "hours: " + hours + " minutes: " + minutes + " seconds: " + seconds;
327 //        var temperature = "hours: " + hours + " : " + minutes + " : " + seconds;
328 //
329 //        if((hours > 0) & (minutes > 0) & (seconds > 0))
330 //        {
331 //            temperature = "C was born at " + time + " ";
332 //        }
333 //
334 //        document.getElementById("central").innerHTML = temperature;
335 //    }
336 //}
337 //
```

# Requête XML

```
26    <script>
27        function GetDogState()
28        {
29            nocache = "&nocache=" + Math.random() * 1000000;
30            var request = new XMLHttpRequest();
31            request.onreadystatechange = function()
32            {
33                if (this.readyState == 4) {
34                    if (this.status == 200) {
35                        if (this.responseXML != null)
36                        {
37                            var xmlDoc = this.responseXML;
38                            processData(xmlDoc);
39                        }
40                    }
41                }
42            }
43            request.open("GET", "ajaxRequest" + nocache, true);
44            request.send(null);
45            setTimeout('GetDogState()', 1000);
46        }
47    </script>
48
49    </head>
50    <body onload="GetDogState()">
51
```

# Résultat dans la console du navigateur

```
27 <script>
28     function GetDogState()
29     {
30         nocache = "&nocache=" + Math.random() * 1000000;
31         var request = new XMLHttpRequest();
32         request.onreadystatechange = function()
33         {
34             if (this.readyState == 4) {
35                 if (this.status == 200) {
36                     if (this.responseXML != null)
37                     {
38                         var xmlDoc = this.responseXML;
39                         console.log(xmlDoc);
40                         processData(xmlDoc);
41                     }
42                 }
43             }
44         }
45         request.open("GET", "ajaxRequest" + nocache, true);
46         request.send(null);
47         setTimeout('GetDogState()', 1000);
48     }
49 </script>
```

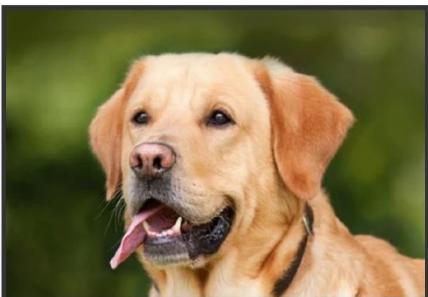


# Remplissage des profils

```
216 <!-- SCRIPT --> <!-- SCRIPT --> <!-- SCRIPT --> <!-- SCRIPT --> <!-- SCRIPT -->
217 <script>
218 var myXML;
219 var horaireDog1 = "xxxxx";
220 var horaireDog2 = "xxxxx";
221
222 function getRandomInt(max) {
223     return Math.floor(Math.random() * Math.floor(max));
224 }
225
226 function processData(xmlDoc)
227 {
228     myXML = xmlDoc;
229     horaireDog1 = myXML.getElementsByTagName('heureProchainRepas')[0].childNodes[0].nodeValue;
230     horaireDog2 = myXML.getElementsByTagName('heureProchainRepas')[1].childNodes[0].nodeValue;
231
232 // chien n°1
233 setDogCard(0, "dogState_0_01", "dogState_0_02", "dogState_0_03", "dogState_0_04", "dogState_0_05", "dog1Border", xmlDoc.getElementsByTagName('hasEaten')[0].childNodes[0].nodeValue);
234 setDogProfil(0, "template_1_1", "template_1_2", "template_1_3", "template_1_4", "template_1_5");
235
236 // chien n°2
237 setDogCard(1, "dogState_1_01", "dogState_1_02", "dogState_1_03", "dogState_1_04", "dogState_1_05", "dog2Border", xmlDoc.getElementsByTagName('hasEaten')[1].childNodes[0].nodeValue);
238 setDogProfil(1, "template_0_1", "template_0_2", "template_0_3", "template_0_4", "template_0_5");
239 }
240
241 function setDogCard(whichDog, ds01, ds02, ds03, ds04, ds05, dogBorder, haveEaten)
242 {
243     // non il n'a pas mangé
244     if(haveEaten == 0)
245     {
246         document.getElementById(ds01).innerHTML = "<span style='color:red'>NON</span>";
247
248         document.getElementById(ds02).innerHTML = myXML.getElementsByTagName('name')[whichDog].childNodes[0].nodeValue + " n'a pas encore mangé.";
249
250         document.getElementById(ds03).innerHTML = "-";
251         document.getElementById(ds04).innerHTML = myXML.getElementsByTagName('heureProchainRepas')[whichDog].childNodes[0].nodeValue;
252
253         document.getElementById(dogBorder).style.color = "red";
254     }
255     // oui il a mangé
256     if(haveEaten == 1)
257     {
258         document.getElementById(ds01).innerHTML = "<span style='color:limegreen'>OUI</span>";
259
260         document.getElementById(ds02).innerHTML = "<span class='shell text-wrap'>" + myXML.getElementsByTagName('name')[whichDog].childNodes[0].nodeValue + "</span>" + " a bien mangé !";
261
262         document.getElementById(ds03).innerHTML = myXML.getElementsByTagName('heureRepas')[whichDog].childNodes[0].nodeValue;
263         document.getElementById(ds04).innerHTML = myXML.getElementsByTagName('heureProchainRepas')[whichDog].childNodes[0].nodeValue;
264
265         document.getElementById(dogBorder).style.color = "limegreen";
266     }
267 }
268
269 function setDogProfil(whichDog, name, id, age, poids, ration)
270 {
271     document.getElementById(name).innerHTML = myXML.getElementsByTagName('name')[whichDog].childNodes[0].nodeValue;
272     document.getElementById(id).innerHTML = myXML.getElementsByTagName('id')[whichDog].childNodes[0].nodeValue;
273     document.getElementById(age).innerHTML = myXML.getElementsByTagName('age')[whichDog].childNodes[0].nodeValue;
274     document.getElementById(poids).innerHTML = myXML.getElementsByTagName('poids')[whichDog].childNodes[0].nodeValue;
275     document.getElementById(ration).innerHTML = myXML.getElementsByTagName('ration')[whichDog].childNodes[0].nodeValue;
276 }
```

Distributeur De Croquettes

Mes Chiens



XXX

XXXX

à : XXXXX

heure du prochain repas :

XXXXX

temps restant : XXXXX

VOIR LE PROFIL

Chien n°1

ID: XXXXX

Age: XXXXX

Poids: XXXXX

Quantité De Croquettes:

XXXXX

```

278 /* TIMER TIMER TIMER TIMER TIMER TIMER TIMER */
279 $(function(){
280 setInterval(oneSecondFunction, 1000);
281 });
282
283 function oneSecondFunction() {
284 initTimer(horaireDog1, "dogState_0_05");
285 initTimer(horaireDog2, "dogState_1_05");
286 }
287
288 function initTimer(horaire, where)
289 {
290 if(horaire == "xxxxxx")
291 {
292 return;
293 }
294
295 var today = new Date();
296
297 var prochainRepasH = (horaire[0] + horaire[1]) * 1;
298 var prochainRepasM = (horaire[3] + horaire[4]) * 1;
299
300 if((prochainRepasH <= today.getHours()))
301 {
302 prochainRepasH = (24) + prochainRepasH;
303 }
304
305 var goalEnSeconds = ((prochainRepasH) * 60 * 60) + (prochainRepasM * 60);
306 var nowEnSeconds = (today.getHours() * 60 * 60) + (today.getMinutes() * 60) + (today.getSeconds());
307
308 var distance = goalEnSeconds - nowEnSeconds;
309
310 // Time calculations for days, hours, minutes and seconds
311 var hours = Math.floor((distance % (60 * 60 * 24)) / (60 * 60));
312 var minutes = Math.floor((distance % (60 * 60)) / (60));
313 var seconds = Math.floor((distance % (60)));
314
315 //lel
316 if(seconds < 10)
317 {
318 seconds = "0" + seconds;
319 }
320 if(minutes < 10)
321 {
322 minutes = "0" + minutes;
323 }
324
325 var tempsRestant = hours + "h" + minutes + "m" + seconds + "s";
326
327 if((hours * 60) + (minutes) > ((23*60) + 58))
328 {
329 tempsRestant = "C'est bon c'est prêt !!";
330 }
331 document.getElementById(where).innerHTML = tempsRestant;
332 }
333 </script>
334
335 </body>
336 </html>

```

## Distributeur De Croquettes

### Mes Chiens



OUI

Albert a bien mangé !

à : 14h30

heure du prochain repas : 19h00

temps restant : 4h23m48s

[VOIR LE PROFIL](#)



NON

Rex n'a pas encore mangé.

à : -

heure du prochain repas : 20h00

temps restant : 5h23m47s

[VOIR LE PROFIL](#)

À BIENTÔT !

Pour plus de renseignements, contactez nous à  
l'adresse suivante :

croquettes@gmail.com

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Distributeur De Croquettes

Mes Chiens



XXX

xxxxx

à : xxxx

heure du prochain repas : xxxx

temps restant : xxxx

[VOIR LE PROFIL](#)



XXX

xxxxx

à : xxxx

heure du prochain repas : xxxx

temps restant : xxxx

[VOIR LE PROFIL](#)

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# Résultat offline

Distributeur De Croquettes

Mes Chiens



XXX

xxxxx

à : xxxx

heure du prochain repas : xxxx

temps restant : xxxx

[VOIR LE PROFIL](#)



XXX

xxxxx

à : xxxx

heure du prochain repas : xxxx

temps restant : xxxx

[VOIR LE PROFIL](#)

**Chien n°1**

ID: xxxx

Age: xxxx

Poids: xxxx

Quantité De Croquettes: xxxx

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Distributeur De Croquettes

Mes Chiens



OUI

Albert a bien mangé !

à : 14h30

heure du prochain repas : 19h00

temps restant : 4h16m07s

[VOIR LE PROFIL](#)

Albert

ID: 12345

Age: 8ans

Poids: 6kg

Quantité De Croquettes: 120g



NON

Rex n'a pas encore mangé.

à : -

heure du prochain repas : 20h00

temps restant : 5h16m06s

[VOIR LE PROFIL](#)

Rex

ID: 54321

Age: 5ans

Poids: 4kg

Quantité De Croquettes: 85g

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# Résultat online

Distributeur De Croquettes

Mes Chiens



OUI

Albert a bien mangé !

à : 14h30

heure du prochain repas : 19h00

temps restant : 4h24m04s

[VOIR LE PROFIL](#)

Albert

ID: 12345

Age: 8ans

Poids: 6kg

Quantité De Croquettes: 120g



NON

Rex n'a pas encore mangé.

à : -

heure du prochain repas : 20h00

temps restant : 5h24m04s

[VOIR LE PROFIL](#)

Rex

ID: 54321

Age: 5ans

Poids: 4kg

Quantité De Croquettes: 85g

À BIENTÔT !

Pour plus de renseignements, contactez nous à l'adresse suivante :

[croquettes@gmail.com](mailto:croquettes@gmail.com)

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# Comparaison avec le cahier des charges

- Le site est accessible localement sur le réseau de l'utilisateur mais certains fichiers sont hébergés pour des raisons d'optimisation.
- Les données affichées proviennent d'un fichier présent sur la carte Arduino ce qui permet un contrôle total des données.
- Le site est mis à jour en temps réel sans devoirs rafraîchir la page. Il est donc dynamique.

# Conclusion

- Idée de développement
  - Pouvoir modifier les profils des chiens depuis le site
  - Ajouter une fonctionnalité « servir immédiatement »
  - Rendre personnalisable les photos des chiens
  - Mode jour/nuit
  - Optimiser le temps de chargement de la page
  - Rendre le site compatible avec un plus grand nombre de chiens