

Paik's Recipe

[Team 1]

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1

Motivation



Who is Paik?

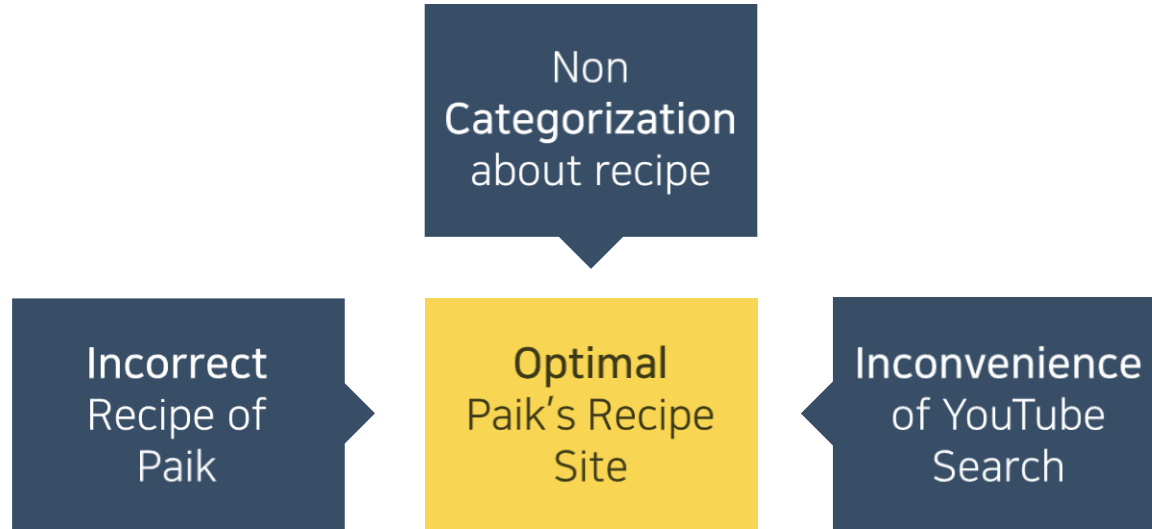
Paik Jong Won is well known as food researcher.

He appeared on many cooking TV shows.

Also, He is a representative of restaurants with many chain stores throughout the country.

Recently, Paik Jong Won made his own YouTube channel to introduce his recipe to many people.

Problem



외식경영전문가 **백종원**

Executive Chef / CEO of The Born
JONG WON PAIK

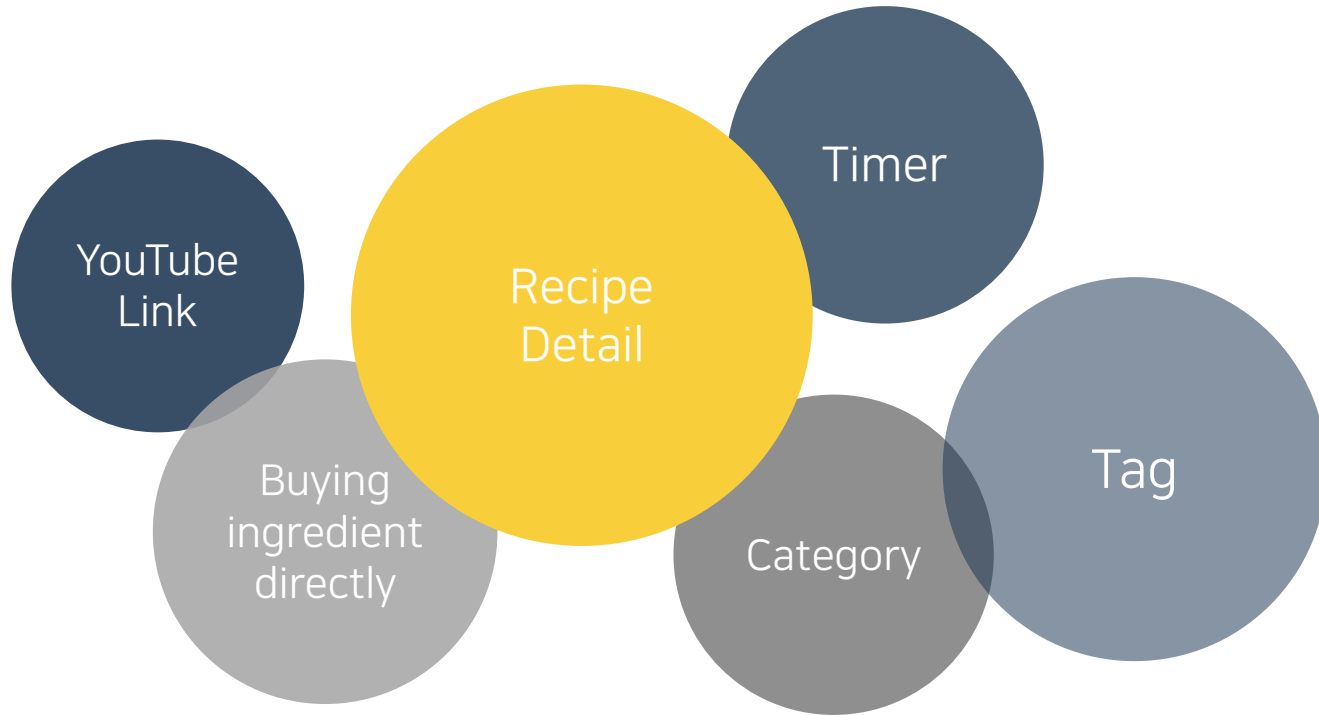
Paik

2

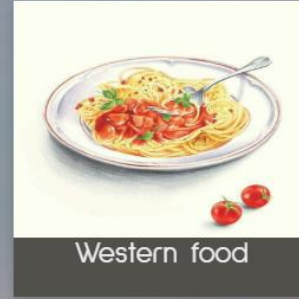
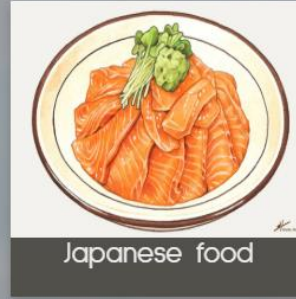
About our Website



Requirement



Category



Customers can easily access the food you want by classifying it.

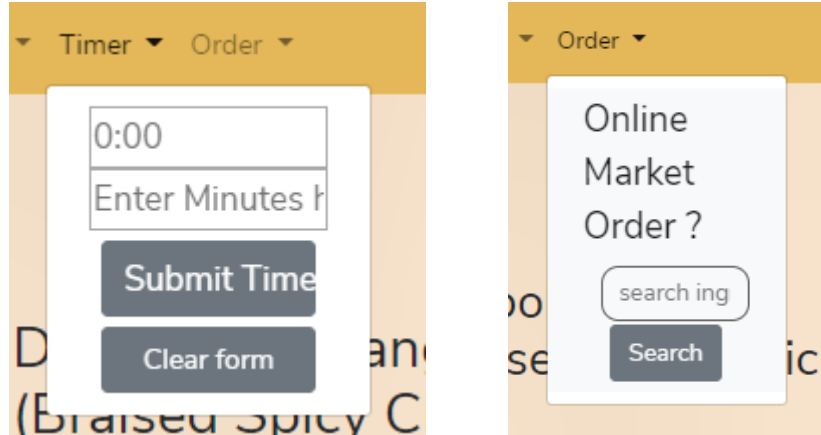
Tag



If you click the tag, the food to which the tag is assigned is listed.

For example, if you want to cook spicy food, you can click the spicy tag and get a **recommendation** for the right kind of food.

Timer & Buying Ingredients Directly



The function of **counting down** the time entered is **fixed to the sidebar**.

It is necessary to measure the time when cooking.

If you search ingredients in sidebar, it automatically move to a site where you can purchase ingredients.

This is a function to **buy** the necessary ingredients **right away**.

YouTube Link



Dakbokkeumtang (Braised Spicy Chicken)

#spicy #sweet #chicken

[Ingredients]

Cut chicken 1kg (No.10)
Brown sugar 1/2cup (70g)
Minced garlic 1/3 cup (45g)

We thought it would need the ability to watch YouTube without having to look in the recipe site.

3

Demonstration





4

How to Implement

Methodology



"Responsive Web Design"

(automatically adjusting themselves to look good on all devices, from small phones to large desktops)

We've created a site where even a small screen can respond!

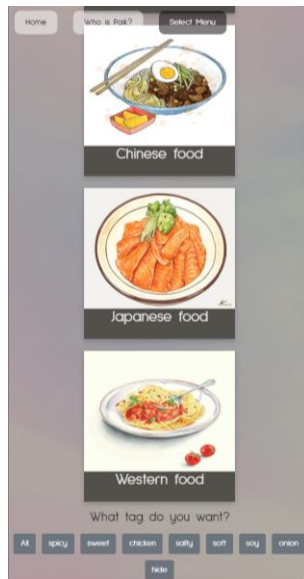
Responsive Web Design

(automatically adjusting themselves to look good on all devices, from small phones to large desktops)

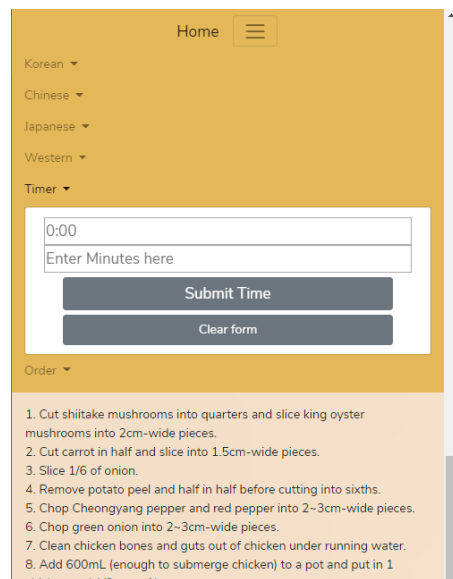
We've created a site where even a small screen can respond!



[Main -> middle size]



[Main -> small size]



[Recipe -> small size]

Main Page – Flip card

The recipes according to the type of menu were constructed using flip-card CSS.

If you hover over a card, the card flips over and you can see the recipes.

```
.flip-card {  
  width: 250px;  
  height: 250px;  
  margin: 10px;  
  perspective: 1000px;  
}  
  
/* This container is needed to position the front and back side */  
.flip-card-inner {  
  width: 100%;  
  height: 100%;  
  text-align: center;  
  transition: transform 0.6s;  
  transform-style: preserve-3d;  
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);  
}  
  
/* Do an horizontal flip when you move the mouse over the flip box container */  
.flip-card:hover .flip-card-inner {  
  transform: rotateY(180deg);  
}
```

```
/* Position the front and back side */  
.flip-card-front,  
.flip-card-back {  
  position: absolute;  
  width: 100%;  
  height: 100%;  
}  
  
/* Style the front side (fallback if image is missing) */  
.flip-card-front {  
  background-color: #bbb;  
  color: black;  
}  
  
/* Style the back side */  
.flip-card-back {  
  background-color: #a5a7a8;  
  color: white;  
  transform: rotateY(180deg);  
}
```


Main Page – JQuery Full-page

I used JQuery full page because I wanted to divide the space into full pages like ppt.

jQuery fullpage.js plays a role in making a page-by-page motion when scrolling to the mouse wheel from the website. To implement this, the open source provided by Github was imported and used.

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/fullPage.js/3.0.7/fullpage.css"
      integrity="sha256-MHZlm8KTLRxClmwQTYIfJEVbcRx1VIgfZJjaBOGCDoc="
      crossorigin="anonymous" />
<script src="https://cdnjs.cloudflare.com/ajax/libs/fullPage.js/3.0.7/fullpage.js"
      integrity="sha256-Lw96aZrbaAuJ9vBh9haoZrkYmRA9Rbkv4K6C8LonvBk="
      crossorigin="anonymous"></script>
```

```
<script type="text/javascript" src="scrolloverflow.js"></script>
```

Main Page – Tag

Like the hashtag on Instagram, if you choose a tag you want, it's a function that represents a menu related to it.

We wanted to implement data retrieval using a server, but that was beyond our ability.

Thus, JavaScript's array and object, the method associated with these, and the repeated statements and condition statements, and JQuery's show(), hidden() function were implemented.

Implement tags according to recipe as array

```
var i;  
var tag = {  
  h1: ["#spicy", "#sweet", "#chicken"],  
  h2: ["#sweet", "#salty"],  
  h3: ["#spicy", "#soft", "#chicken"],  
  j1: ["#spicy", "#salty", "#soft"],  
  j2: ["#spicy", "#salty", "#soy"],  
  j3: ["#spicy", "#salty", "#soft"],  
  y1: ["#spicy", "#sweet", "#chicken"],  
  y2: ["#salty", "#soy", "#chicken"],  
  y3: ["#sweet", "#salty", "#onion"],  
  il1: ["#spicy"],  
  il2: ["#sweet", "#salty", "#onion"],  
  il3: ["#sweet", "#salty"]  
}
```

```
$(document).ready(function () {  
  (function () {  
    for (var key in tag) {  
      $("#" + key).hide();  
    } // execute immediately-> remove all values at first  
  })()  
  $("#all").click(function () {  
    for (var key in tag)  
      $("#" + key).show();  
  });  
  $("#hide").click(function () {  
    for (var key in tag)  
      $("#" + key).hide();  
  });  
  $("#tag1").click(function () {  
    for (var key in tag) {  
      $("#" + key).hide();  
    }  
    for (var key in tag) {  
      for (i = 0; i < tag[key].length; i++) {  
        if (tag[key][i] === "#spicy") {  
          $("#" + key).show(); break;  
        }  
      }  
    }  
  });  
});
```

Recipe Page – YouTube Link

It added a YouTube video of Paik Jong-won, which is linked to the recipe menu.

```
<iframe width="100%" height="315" src="https://www.youtube.com/embed/
-EwR5eshbPE" frameborder="0"
  allow="accelerometer; autoplay; encrypted-media; gyroscope;
  picture-in-picture"
  allowfullscreen></iframe>
```



Dakbokkeumtang (Braised Spicy Chicken)

#spicy #sweet #chicken

[Ingredients]

Cut chicken 1kg (No.10)
Brown sugar 1/2cup (70g)
Minced garlic 1/3 cup (45g)

Recipe Page – navbar

The navigation bar was implemented using the “navbar” class in Bootstrap.

In the case of navigation bars, large screens are implemented in a single row, but small screens occupy vertical positions. Therefore, collapse was used to hide it. “sticky-top” class allows the navigation bar to be fixed at the top of the page as it scrolls down. “navbar” consist of the drop-down on each item so that customer can select and distinguish food easily.

```
<nav class="navbar navbar-expand-lg navbar-light bg-light justify-content-center sticky-top">
  <a class="navbar-brand" href="../main.html#sel">Navbar</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav"
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse justify-content-center" id="navbarNav">
    <ul class="navbar-nav justify-content-center">
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="navbardrop" data-toggle="dropdown">
          Korean
        </a>
        <div class="dropdown-menu">
          <a class="dropdown-item" href="recipe/h1.html">Dakbokkeumtang</a>
          <a class="dropdown-item" href="recipe/h2.html">Japchae</a>
          <a class="dropdown-item" href="recipe/h3.html">Tofu Kimchi</a>
        </div>
      </li>
    </ul>
  </div>
</nav>
```

Recipe Page – navbar

Timer

When cooking, the timer function tells you how many minutes to cook.

The sidebar enables time measurements at any time.

When the user enters the desired time through the input tag, press the submit button to activate the timer.

Timer is implemented through JQuery.

```
<form id="countdown">
  <input id="tminus" placeholder="0:00" />
  <input id="request" placeholder="Enter Minutes here" />
  <a href="#" class="button enterTime">Submit Time</a>
  <input type="reset" value="Clear form" />
</form>
```

```
$('.enterTime').click(function () {
  var reqVal = $('#request').val();
  var parAmt = parseInt(reqVal);
  if (timeloop) {
    clearTimeout(timeloop)
  }
  totalAmount = parAmt * 60;
  $('#request').val(" ");
  timeSet();
})
```

Recipe Page – navbar

Food Ingredients Order Search Box

This feature also requires the use of a server to perform data retrieval.

So I took the code for implementing the search window of Lotte Mart homepage and used it.

```
<form name="mainSearchForm" method="get" action="http://www.lottemart.com/search/search.do">
  <div class="input">
    <fieldset>
      <legend>Online Market Order ?</legend>
      <input type="text" class="text" value="" name="searchTerm"
        onkeypress="return DQhandleEnter(1,event, 'mainSearch');"
        onmousedown="dq_setTextbox('1',event);" onkeydown="dq_setTextbox('1',event);" autocomplete="off"
        placeholder="search ingredients">
      <button type="submit" onclick="javascript:DQmainSearch_submit();
        return false"
        onkeydown="if(event.keyCode==13){javascript:DQmainSearch_submit();
        return false}">search</button>
    </fieldset>
  </div>
</form>
```

Thank you
