Implementation guide for widget clients

Content

Generic knowledge

- **Iframe element**
  The `<iframe>` HTML element which embed another HTML page into the current one
- Iframe element needs **additional styles** and **container** around to look good on the website on different devices
- **Container** is a component that can contain other components inside itself. Usually the container is responsible for the size of child components and their position (center/left/right, space around, etc.).
- To add iframe element to the website you need **rights to modify website** HTML

Widget main concepts

- **Widget** can be placed on the client website as an **iframe element**
- **Link** to the **widget** looks like that:
  https://foodwaste.plantjammer.com/?api_key=[YOUR_API_KEY]&tagId=[YOUR_TAG_ID]
  - **YOUR_API_KEY** - key which give you access to PlantJammer gastronomical data, used in widget
  - **YOUR_TAG_ID -** your widget id which stores your widget custom data (picked dishes, ingredients, language, etc.)

Example of widget iframe:

```
<iframe
src="https://foodwaste.plantjammer.com/?api_key=[YOUR_API_KEY]&tagId=[YOUR_TAG_ID]">
</iframe>
```

Adding a widget as an iframe

Case #1: You need a widget together with the container. Minimal configuration & responsive iframe.

Note: Our container supports responsiveness
Advantages: You need to only insert the code in one place, inside `<body>` of your website
Disadvantages: On phones widget will be bigger than screen height, so user will have to scroll to see it fully

1. Replace [YOUR_API_KEY] and [YOUR_TAG_ID] accordingly in code below

```html
<div style="margin-bottom: 16px 8px 24px 8px">
  <div style="position: relative; overflow: hidden;  min-height: 800px;
margin: auto;">
    <iframe style="position: absolute; top: 0; left: 0; width: 100%; height:
100%; border: 0;"
src="https://foodwaste.plantjammer.com/?api_key=[YOUR_API_KEY]&tagId=[YOUR_TA
G_ID]"></iframe>
  </div>
</div>
```

2. Insert prepared script from previous step in the end of `<body>` tag

Case #2: You need a widget together with the container. Fully responsive

Note: Our container supports responsiveness by using media query (`@media`) in css
Advantages: Responsive on all devices

Demo: https://codepen.io/annakrylova-pj/full/BaRQeyQ

1. Insert in the `<head>` of your website `<style>` element:

```css
<style>
  .container { padding: 50px; }
  .widget-wrapper {
    /* On big screen: change height and width of the widget */
    min-height: 800px;
  }
  @media (max-width: 576px) {
  .container { padding: 20px 0 20px 0; }
    .widget-wrapper {
```

```
        /* On small screen: change height and width of the widget */
        min-height: 700px;
      }
    }
</style>
```

2. Replace [YOUR_API_KEY] and [YOUR_TAG_ID] accordingly in code below

```
<div class="container">
  <div class="widget-wrapper"
      style="position: relative; overflow: hidden; margin: auto; min-width:
auto">
    <iframe style="position: absolute; top: 0; left: 0; width: 100%; height:
100%; border: 0;"
src="https://foodwaste.plantjammer.com?api_key=[YOUR_API_KEY]&tagId=[YOUR_TAG
_ID]"></iframe>
  </div>
</div>
```

3. Insert prepared script from previous step in the end of `<body>` tag

Case #3: You have a container, you need only widget

Note: your container is responsible for responsiveness
Demo: https://codepen.io/annakrylova-pj/full/BaRQeyQ

1. Replace [YOUR_API_KEY] and [YOUR_TAG_ID] accordingly in code below

```
<div style="position: relative; overflow: hidden; min-width: auto;
min-height: 800px; margin: auto;">
  <iframe style="position: absolute; top: 0; left: 0; width: 100%; height:
100%; border: 0;"
src="https://foodwaste.plantjammer.com/?api_key=[YOUR_API_KEY]&tagId=[YOUR_TA
G_ID]"></iframe>
</div>
```

2. Insert code from previous step in your prepared container

Possible iframe customizations

1. Change height and width of the widget by changing values in `min-width` and
   `min-height`

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Open widget on element click

Note: Website must have element, which generates 'click' event, for example 'button'
Advantages: You can open the widget on the full screen

Case #1: Open widget in full page mode by element click

Demo: https://codepen.io/annakrylova-pj/pen/RwVKObJ

1. Insert script below in `<head>` tag

```
<script
src="https://widget-api-plant-jammer.vercel.app/#iframe-widget-container
erapi.js"></script>
```

2. Replace in code below:
   - i. [YOUR_API_KEY] and [YOUR_TAG_ID] accordingly
   - ii. 'YOUR_TRIGGER_SELECTOR' with selector of the element, which should open widget on click
   - iii. newTab: 'false' to newTab: 'true' to open widget in new tab

```
<script>
  window.OpenFullPageWidget(
    {
      widgetLink:
'https://foodwaste.plantjammer.com/?api_key=[YOUR_API_KEY]&tagId=[YOUR
_TAG_ID]',
      triggerSelector: 'YOUR_TRIGGER_SELECTOR',
      newTab: 'false'
    }
  );
</script>
```

3. Insert prepared script from previous step in the end of `<body>` tag

Possible customization options:

1. To open widget in a new tab replace `newTab: 'false'` to `newTab: 'true'`

Case #2: Show/Hide widget by element click

Demo: https://codepen.io/annakrylova-pj/full/OJmWqmv

1. Insert script below in `<head>` tag

```
<script
src="https://widget-api-plant-jammer.vercel.app/#iframe-widget-container
erapi.js"></script>
```

2. Replace in code below:
   - i. [YOUR_API_KEY] and [YOUR_TAG_ID] accordingly

ii.   'YOUR_TRIGGER_SELECTOR' with selector of the element, which should open widget on click

iii.   'YOUR_CONTAINER_SELECTOR' with selector of the container, where widget will be appended

```html
<script>
 window.AppendWidget(
    {
      widgetLink:
'https://foodwaste.plantjammer.com/?api_key=[YOUR_API_KEY]&tagId=[YOUR
_TAG_ID]',
      triggerSelector: 'YOUR_TRIGGER_SELECTOR',
      containerSelector: 'YOUR_CONTAINER_SELECTOR',
    }
 );
</script>
```

3. Insert prepared script from previous step in the end of `<body>` tag

Troubleshooting

Issue #1: Widget is blocked by Consent Manager

If your site uses [Consent Manager](#), widget iframe will be blocked and you will see message ["unknown vendor"](#).

Solution: Follow steps in the official Consent Manager article to assign widget domain 'foodwaste.plantjammer.com':
https://help.consentmanager.net/books/cmp/page/automatic-blocking-of-codes-and-cookies#bkmrk-assiging-domains