

## SPRINT -4

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
  <title>Upload </title>

  <script type="text/javascript" src="https://code.jquery.com/jquery-
2.1.4.min.js"></script>
  <script type="text/javascript" src="https://sdk.clarifai.com/js/clarifai-
latest.js"></script>
  <script type="text/javascript"
src="https://s3.amazonaws.com/static.mlh.io/blog-code/2018-02-clarifai-
nutrition-app/wolfram.js"></script>
  <script type="text/javascript" src="predict.js"></script>
  <link rel="stylesheet" type="text/css"
href="https://s3.amazonaws.com/static.mlh.io/blog-code/2018-02-clarifai-
nutrition-app/app.css" />
  <link
    rel="stylesheet"
    href="{{ url_for('static', filename='style.css') }}"
  />
</head>
<body style="background-color:white">
  <div class="wrapper" >
    <h1>What are you eating?</h1>
    <h2>Snap a photo of your food & upload for a nutritional breakdown.</h2>

    <form action="#">
      <input type="file" id="filename" placeholder="Filename" size="100"/>
      <button onclick="predict_click($('#filename').val(), 'file'); return
false;">Get my Nutritional Breakdown!</button>
    </form>

    <div id="predictions">
      <div class="food-photo">
        <div class="step"><span>1</span> Upload a Photo</div>
      </div>
      <div class="nutrition">
        <div class="step"><span>2</span> Get a Nutritional Breakdown</div>
        <div id="concepts"></div>
      </div>
    </div>

    <div class="powered-by">
```

```

    <p><a href="/home"><button>Back to Home</button></a></p>
  </div>
  <strong>{{msg}}</strong>
</div>
</body>
</html>

```

Predict.js

```

var myClarifaiApiKey = 'xxxxxxxxxxxxxxxxxxxxxxxx';
var myWolframAppId = 'xxxxxxxxxxxxxxxx';

var app = new Clarifai.App({apiKey: myClarifaiApiKey});

/*
  Purpose: Pass information to other helper functions after a user clicks
  'Predict'
  Args:
    value - Actual filename or URL
    source - 'url' or 'file'
  */
function predict_click(value, source) {
  alert("hi")
  var preview = $(".food-photo");
  var file = document.querySelector("input[type=file]").files[0];
  var loader = "https://s3.amazonaws.com/static.mlh.io/icons/loading.svg";
  var reader = new FileReader();

  // load local file picture
  reader.addEventListener("load", function () {
    preview.attr('style', 'background-image: url("'" + reader.result + "')");
    doPredict({ base64: reader.result.split("base64,")[1] });
  }, false);

  if (file) {
    reader.readAsDataURL(file);
    $('#concepts').html('');
  } else { alert("No file selcted!"); }
}

/*
  Purpose: Does a v2 prediction based on user input
  Args:
    value - Either {url : urlValue} or { base64 : base64Value }
  */
function doPredict(value) {

```

```

    app.models.predict(Clarifai.FOOD_MODEL, value).then(function(response) {
        if(response.rawData.outputs[0].data.hasOwnProperty("concepts")) {
            var tag = response.rawData.outputs[0].data.concepts[0].name;
            var url =
'http://api.wolframalpha.com/v2/query?input='+tag+'%20nutrition%20facts&appid=
'+myWolframAppId;

            getNutritionalInfo(url, function (result) {
                $('#concepts').html('<h3>'+ tag + '</h3>' + "<img
src='"+result+"'>");
            });
        }
    }, function(err) { console.log(err); }
    );
}

function doPredict(value) {
    app.models.predict(Clarifai.FOOD_MODEL, value).then(function(response) {
        if(response.rawData.outputs[0].data.hasOwnProperty("concepts")) {
            var tag = response.rawData.outputs[0].data.concepts[0].name;
            var url =
'http://api.wolframalpha.com/v2/query?input='+tag+'%20nutrition%20facts&appid=
'+myWolframAppId;

            getNutritionalInfo(url, function (result) {
                $('#concepts').html('<h3>'+ tag + '</h3>' + "<img
src='"+result+"'>");
            });
        }
    }, function(err) { console.log(err); }
    );
}

Style.css
* {
    padding: 0;
    margin: 0;
    font-family: 'Roboto Condensed', sans-serif;
}
body {
    padding: 0;
    margin: 0;
}
/* side menu */
#menu {
    position: fixed;
    z-index: 3;
    top: -40px;
    background-color: #ffffff;
}

```

```
#close, #close-fast-screen {
  color: #9E9E9E;
  display: flex;
  justify-content: flex-end;
  align-items: center;
}

#timer-div {
  width: 300px;
  height: 150px;
  align-items: center;
}

div.bar {
  width: 25px;
  height: 4px;
  background-color: #9E9E9E;
  margin: 5px 0;
  border-radius: 2px;
}

#menu-container {
  width: 80vw;
  max-width: 300px;
  box-shadow: 0 0 10px #cccccc;
  height: 100vh;
  padding: 20px;
  margin-top: 40px;
}

a li {
  color: #4e4e4e;
}

a li:hover {
  font-weight: 600;
}

ul {
  list-style: none;
}

li.menu-li {
  margin: 10px 0;
  font-size: 0.9rem;
}

#hamburger {
  padding: 15px;
  position: fixed;
  top: 0px;
}

div.bar {
  background-color: #cccccc;
}
```

```
#close:hover, #close-fast-screen:hover {
    cursor: pointer;
    font-weight: 600;
}

#close-icon {
    margin-left: 15px;
    font-size: 25px;
}

.line {
    border-top: 1px solid #a6fa5a;
    width: 200px;
}

/* main */
main {
    text-align: center;
    width: 100%;
}

/* message / type of fast selector */
#fasting-type {
    position: relative;
    width: 100vw;
    margin: 35px auto;
    text-align: center;
}

#type-selector {
    width: 100px;
    padding: 5px 5px 5px 20px;
    border-radius: 3px;
    border: 1px solid #a6fa5a;
}

#type-selector:hover {
    outline: 2px solid #a6fa5a;
    -moz-outline-radius: 3px;
}

.fast-type {
    padding-left: 15px;
}

#fasting-state-message {
    color: #4e4e4e;
    font-size: 20px;
}

.select-text {
    color: #9E9E9E;
    font-weight: 300;
    margin-top: 10px;
}

/* timer display */
```

```
.circle-timer-container {
  display: flex;
  flex-direction: column;
  align-items: center;
  overflow: hidden;
}
#digits-display {
  color: #4e4e4e;
  font-size: 3rem;
}
#elapsed-div {
  color: #9E9E9E;
  display: flex;
  justify-content: center;
  font-size: 1rem;
}
#elapsed-time {
  margin-left: 5px;
}
/* start and finish times */
#start-finish-times {
  display: flex;
  justify-content: space-around;
}
.edit-time-container {
  display: flex;
  justify-content: center;
}
.start-finish {
  color: #9E9E9E;
}
/* button */
#fast-btn {
  display: flex;
  justify-content: center;
}
#start-btn, #end-btn {
  background-color: #ffffff;
  border: 2px solid #a6fa5a;
  outline: none;
  color: #4e4e4e;
  font-weight: 600;
  padding: 8px;
  width: 150px;
  border-radius: 5px;
  margin: 25px 0;
}
#start-btn:hover, #end-btn:hover {
```

```
    background-color: #a5fa5a73;
    font-weight: 700;
}
/* weekly progress */
#weekly-progress-container {
    box-shadow: inset 0 7px 9px -7px #cccccc;
    margin-top: 10px;
    border-radius: 15px 15px 0 0;
    overflow: hidden;
    padding: 15px;
    width: 100vw;
    display: flex;
    flex-direction: column;
    align-items: center;
}
#graph-container {
    display: flex;
    margin-top: 10px;
    justify-content: space-around;
    max-width: 600px;
    width: 100%;
}
.graph-label {
    font-size: 0.8rem;
    color: #9E9E9E;
    margin-bottom: 8px;
}
#graph-values {
    display: flex;
    flex-direction: column;
    height: 200px;
    justify-content: space-between;
}
.graph-column {
    display: flex;
    flex-direction: column;
    align-items: center;
}
.graph-bar {
    width: 16px;
}
.graph-eat {
    background-image: linear-gradient(#ffffff , #E2E2E2);
}
.graph-fast {
    background-image: linear-gradient(#a6fa5a , #ffffff);
}
```

```
/*BMI Calc div*/
#bmi-div {
    text-align: center;
}

.BMIinput {
    width: 15em;
    margin-bottom: 15px;
}

#heading {
    text-align: center;
    justify-content: center;
}

#results-head {
    text-align: center;
}

#results, .results {
    justify-content: center;
    margin-left: 10vw;
}

.firstPara {
    justify-content: center;
    color: #4e4e4e;
}

.column {
    justify-content: center;
}

/* end fast time screen */
#end-fast-screen {
    text-align: center;
}

#message-container h3 {
    color: #9E9E9E;
    font-size: 1.2em;
}

#message-container h1 {
    font-size: 3em;
}

#close-fast-screen {
    display: flex;
    justify-content: flex-end;
    align-items: center;
    color: #9E9E9E;
}
```



```
padding: 10px;
}
#close-fast-screen h2 {
margin-left: 8px;
}
#congrats {
color: #a6fa5a;
font-size: 1.5em;
}
```

## What are you eating?

Snap a photo of your food & upload for a nutritional breakdown.

Choose File my-meal-photo.png

Get my Nutritional Breakdown!

① Upload a Photo



② Get a Nutritional Breakdown

### pizza

serving size 140 g	
total calories 386	
fat calories 157	
% daily values*	
total fat 17 g	27%
saturated fat 8 g	32%
trans fat	
cholesterol 22 mg	7%
sodium 700 mg	28%
total carbohydrates 55 g	11%
dietary fiber 1 g	3%
sugar 6 g	
protein 15 g	30%
vitamin A 2%	
calcium 23%	vitamin C 4%
iron 14%	vitamin E 4%
potassium 23%	thiamin 18%
niacin 18%	riboflavin 18%
vitamin B6 18%	vitamin B12 18%
folate 18%	phosphorus 20%
magnesium 2%	zinc 18%

\*Percent daily values are based on a diet of 2,000 calories.

Bmi.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script src="https://use.fontawesome.com/e6f98328ec.js"></script>
  <title>BMI Calculator</title>
```

```

    <link
href="https://fonts.googleapis.com/css2?family=Roboto+Condensed:wght@300;400;7
00&family=Source+Sans+Pro:wght@300;400;600;700&display=swap" rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="style.css">
    <link rel="stylesheet" type="text/css" href="css-circular-prog-bar.css">

    <!--Bulma-->
    <link href="https://cdn.jsdelivr.net/npm/bulma@0.9.0/css/bulma.min.css"
type="text/css" rel="stylesheet">
</head>
<body>

    <!-- hamburger menu / side pop up -->

    <div id="bmi-page">
        <div id="heading" style="margin-top: 40px;">
            <h1 class="is-size-1" id="BMI-header">BMI Calculator</h1>
            <p class="is-size-4 has-text-weight-light firstPara" id="BMI-
para">
                Calculate your body mass index with your age, weight and
height!</p>
            <hr>
        </div>
        <form id="bmi-form" class="has-text-centered">

            <div class="columns is-centered">
                <div id="bmi-div" class="column">
                    <label class="label has-text-weight-light" for="age"
id="ageLabel">Age:
                    </label>
                    <input type="text" id="age" class="BMIinput"></input>

                    <label class="label has-text-weight-light"
for="height" id="heightLabel">Height:
                    </label>
                    <input type="text" id="height"
class="BMIinput"></input>

                    <label class="label has-text-weight-light"
for="weight" id="weightLabel">Weight:
                    </label>
                    <input type="text" id="weight"
class="BMIinput"></input>

                    <br>
                    <button class="submit button is-outlined is-success"
id="submitBTN">submit</button>

```

```

        </div>

    </div>

    </form>
    <div id="results-head">

    </div>
    <div id="results">

    </div>
</div>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.29.0/moment.min.js"></
script>
<script
src="https://code.jquery.com/jquery-3.5.1.js"
integrity="sha256-QWo7LDvxbWT2tbbQ97B53yJnYU3WhH/C8ycbRAKjPDC="
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/progressbar.js/0.6.0/progressbar.m
in.js" integrity="sha512-
H3YjV/50i9ggWECfksg7G4F3ERL7tU/IAmsEQdVNwtollNU+ROpJyQVgrCYIMaIUoK/Ydew36X3VUX
XXkYUm5w==" crossorigin="anonymous"></script>
<script src="javascript.js"></script>
</body>
</html>

Caloriecal.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <script src="https://use.fontawesome.com/e6f98328ec.js"></script>
    <title>Calorie Calculator</title>
    <link
href="https://fonts.googleapis.com/css2?family=Roboto+Condensed:wght@300;400;7
00&family=Source+Sans+Pro:wght@300;400;600;700&display=swap" rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="style.css">
    <link rel="stylesheet" type="text/css" href="css-circular-prog-bar.css">

    <!--Bulma-->
    <link href="https://cdn.jsdelivr.net/npm/bulma@0.9.0/css/bulma.min.css"
type="text/css" rel="stylesheet">

</head>

```

```

<body>
    <!-- hamburger menu / side pop up -->

    <div id="heading" style="margin-top: 40px;">
        <h1 class="is-size-1" id="Calorie-header">Calorie Calculator</h1>
        <p class="is-size-4 has-text-weight-light firstPara" id="Calorie-
para">
            Calculate calories in different food items!</p>
        <hr>
    </div>
    <div style="margin-top: 40px;" class="has-text-centered">
        <div class="columns is-centered">
            <div id="cal-div" class="column">
                <label for="ingradient" class="label has-text-weight-
light" id="IngradientLabel">Ingradient:
                </label>
                <input type="text" id="Ingradient"
class="BMIinput"></input>

                <label for="quantity" class="label has-text-weight-light"
id="IngradientQuantity">Quantity</label>
                <input type="number" id="Quantity"
class="BMIinput"></input>

                <br>
                <button id="submitBTN" class="submit button is-outlined
is-success">submit</button>
            </div>
        </div>
    </div>
    <!-- results -->
    <div id="cal-results" class="results">

    </div>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.29.0/moment.min.js"></
script>
<script
src="https://code.jquery.com/jquery-3.5.1.js"
integrity="sha256-QWo7LDvxbWT2tbbQ97B53yJnYU3WhH/C8ycbRAKjPDc="
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/progressbar.js/0.6.0/progressbar.m
in.js" integrity="sha512-
H3YjV/50i9ggWECfksg7G4F3ERL7tU/IAMsEQdVNwtollNU+ROpJyQVgrCYIMaIUoK/Ydew36X3VUX
XXkYUm5w==" crossorigin="anonymous"></script>

```

```
<script src="javascript.js"></script>
</body>
</html>
```

Javascript.js

```
$(document).ready(function(){
    console.log("js file working");

    // open hamburger menu

    //BMI Calculator
    function bmiCalc() {

        $('#submitBTN').on('click', function(event) {
            event.preventDefault();

            $('#results').empty();

            let age = $('#age').val();

            let height = $('#height').val();

            let weight = $('#weight').val();

            console.log(age);
            console.log(height);
var settings = {
            async: true,
            crossDomain: true,
            url: "https://fitness-
calculator.p.rapidapi.com/bmi?age=25&weight=65&height=180",
            method: "GET",
            headers: {
                "x-rapidapi-host": "fitness-calculator.p.rapidapi.com",
                "x-rapidapi-key": "xxxxxxxxxxxxxx"
            }
        }

        $.ajax(settings).done(function (response) {
            console.log(response);

            let bmi = response.bmi;

            let health = response.health;
```

```

let range = response.healthy_bmi_range;

        //results
        $('#results-head').append('<hr>');
        $('#results-head').append('<h3>Your BMI!</h3>');
        // $('#results').append('<hr>');
        $('#results').append('<p class="lead"><b>BMI: </b>' +
bmi.toFixed(2) + '</p>');
        $('#results').append('<p class="lead"><b>Overall Health: </b>'
+ health + '</p>');
        $('#results').append('<p class="lead"><b>Healthy BMI Range:
</b>' + range + '</p>');
    });

    });

    };
    // run Bmi calc
    bmiCalc();
function calorieCalc(){

    $('#submitBTN').on('click', function(event) {
        event.preventDefault();
        let ingrds=$('#Ingradient').val();
        let quantity=$('#Quantity').val();
        console.log(ingrds);
        console.log(quantity);

        var settings = {
            async: true,
            crossDomain: true,
            url: "https://edamam-edamam-nutrition-
analysis.p.rapidapi.com/api/nutrition-data?ingr=" +quantity + "%20" +ingrds +
"",
            method: "GET",
            headers: {
                "x-rapidapi-host": "edamam-edamam-nutrition-
analysis.p.rapidapi.com",
                "x-rapidapi-key": "xxxxxxxxxxxxxx"
            }
        }

        $.ajax(settings).done(function (response) {
            console.log(response);

            let calories=response.calories;

```

```
        //results
        $('#cal-results').append('<hr>');
        $('#cal-results').append('<p class="lead"><b>Calories: </b>' +
calories + '</p>');
    });
})
}
// run calorie calculator
calorieCalc();
```

## Calorie Calculator

Calculate calories in different food items!

Ingredient:

Quantity:

---

Calories: 0

---

Calories: 1211

## BMI Calculator

Calculate your body mass index with your age, weight and height!

Age:

Height:

Weight: