FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

Vinegar Food Restaurant WEBSITE

Center Name	ACE-HCMC-2-FPT Address: 590 Cach Mang Thang Tam, District 3, Ho Chi Minh City
Instructor	Mr. Nguyen Van Binh & Mr. Ngo Phuoc Nguyen
Class	T1.2005.E3
Group	1

Group members	**Name**	**Student ID**
	Hoang Huu Nghia	Student1268270
	Nguyen Thien Quan	Student1267396
	Vu Ba Thai An	Student1267392

Duration	**Start date**	1st Aug 2020
	End date	1st Sep 2020

This is to certify that

Mr./Ms.:

Hoang Huu Nghia

Nguyen Thien Quan

Vu Ba Thai An

has successfully designed & developed

eProject: Vinegar Food Restaurant website

Submitted by:

Hoang Huu Nghia

Date of issue:

Authorized Signature:

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ACKNOWLEDGEMENT

Teaching is a noble profession, with the responsibility of imparting knowledge and experience to students. We have spent more than 2 months studying at FPT Aptech and we would like to take this opportunity to thank our deceased teacher Mr. Nguyen Van Binh, the teacher has accompanied and instructed during the past time. Also, we would like to thank the current teacher Mr. Ngo Phuoc Nguyen.

Thank you also to Aptech India for giving us the opportunity to implement this eProject, so that we can apply what we have learned in practice and gain practical experience.

SYNOPSIS

Vinegar Food Restaurant which is the flagship brand of JADONS Ltd (Limited Liability Company) has spread over its aroma in this industry over the past few decades. Known as "the Serving plates" with 72 different rotating menus and 240000 delicacies throughout the country.

Vinegar Food Restaurant came to Vietnam and wanted to create a website to highlight elements such as:

- There is banquet service in the restaurant with luxurious rooms for group party parties, cozy for family parties, and a large lobby for wedding or company parties.
- Restaurant also has ouside catering.
- Includes Chinese Western dishes.

PROBLEM STATEMENT

After reading the requirements from Jadons Ltd, our group has discussed about what should to be done to fulfill them properly. We came to conclusion that in order to achieve the best result, we should deal with following queries:

1. How many tabs should be displayed?
➔ 5 pages:
   - Homepage includes sections: About team + Awards + Gallery + Recipe of the month; Catering; Contact us + Feed back
   - Regular meals page .
   - Lunch meals page .
   - Snacks meals page .
   - Dessert meals page .
   - Beverages meals page .
2. How is each web page designed to offer users the enjoyable experience?
➔ The main color of the background is simple color to emphasize the aroma of dish.
➔ Each page will have the same header and footer bar so the page turns smoothly without dizzying users.
3. Who are web users interact with the website?
➔ The users are people who are well-off. The website has to be both eye-catching and easily, quickly manipulated for them.
4. What browsers can the website be run on?
➔ The website will be built to run efficiently only on Windows platform. However, it still can be compatible on leading web browser such as Chrome

CUSTOMER'S REQUIREMENTS SPECIFICATIONS

1. Client: Vinegar Food Restaurant website
2. Input to the system:
   - ❖ **From webmaster:**
     - Information about Vinegar Food Restaurant
     - Dishes of restaurant
     - Contact details
   - ❖ **From web users:**
     - Searching for contacts including address, email, phone numbers
     - Referring dishes
   - ❖ **Output from the system:**
     - Form for user to feed back
     - Images and recipe of dishes
     - Images and information of catering
3. Hardware/ Software Requirements
   - ❖ **For webmaster**

Hardware
- Intel Pentium 4 processor or higher
- 1 Gigabytes of RAM or higher

Software
- Windows 7 OS or higher
- Visual Studio Code and Webstorm
- HTML5 and Javascript supporting web browsers such as IE, Chrome or Firefox
   - ❖ **For web users**

Hardware
- Intel Pentium 4 processor or higher
- 512 Megabytes of RAM or higher

Software
- Windows XP OS or higher
- HTML5 and Javascript supporting web browsers such as IE, Chrome or Firefox

SCOPE OF THE WORK (IN BRIEF)

After a long and detailed discussion, our group has decided to create a website contain the following webpages:

1. *Homepage*: Display general information about Vinegar Food Restaurant with best sale dishes pictures in order to attract users in the best way.
2. **Awards:** Information details including awards, slogan,…
3. **Gallery + Recipe of month:** A lot of images dishes and recipe
4. **Contact + Feedback:** Display address, Geolocation, Feed back to team developer
5. **Catering:** Booking inside and outside party services (wedding party, seminar, event party); images about room for catering
6. **Meals:** Includes 5 subpages (regular, lunch, snacks, desert, beverages)

TASK SHEET REVIEW 1

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	**Task**			**Actual Start Date**	**Actual Days**	**Team Mate Names**	**Status**
1	Problem Statement	Vinegar Food Restaurant	Nghia + Quan + An	1st Aug	3	Nghia	Finish
2	Analysis of Vinegar Food Restaurant requirements about the website			1st Aug	3	Quan	Finish
3	The scope of the work (in brief)			1st Aug	3	An	Finish
4	Task Sheet			1st Aug	4	Nghia	Finish

Date:	
Signature of Instructor	Signature of Team Leader
Mr. Ngo Phuoc Nguyen	**Hoang Huu Nghia**

SITE MAP

Home

About Us

Gallery/Recipe

VingFood-Restaurant.com

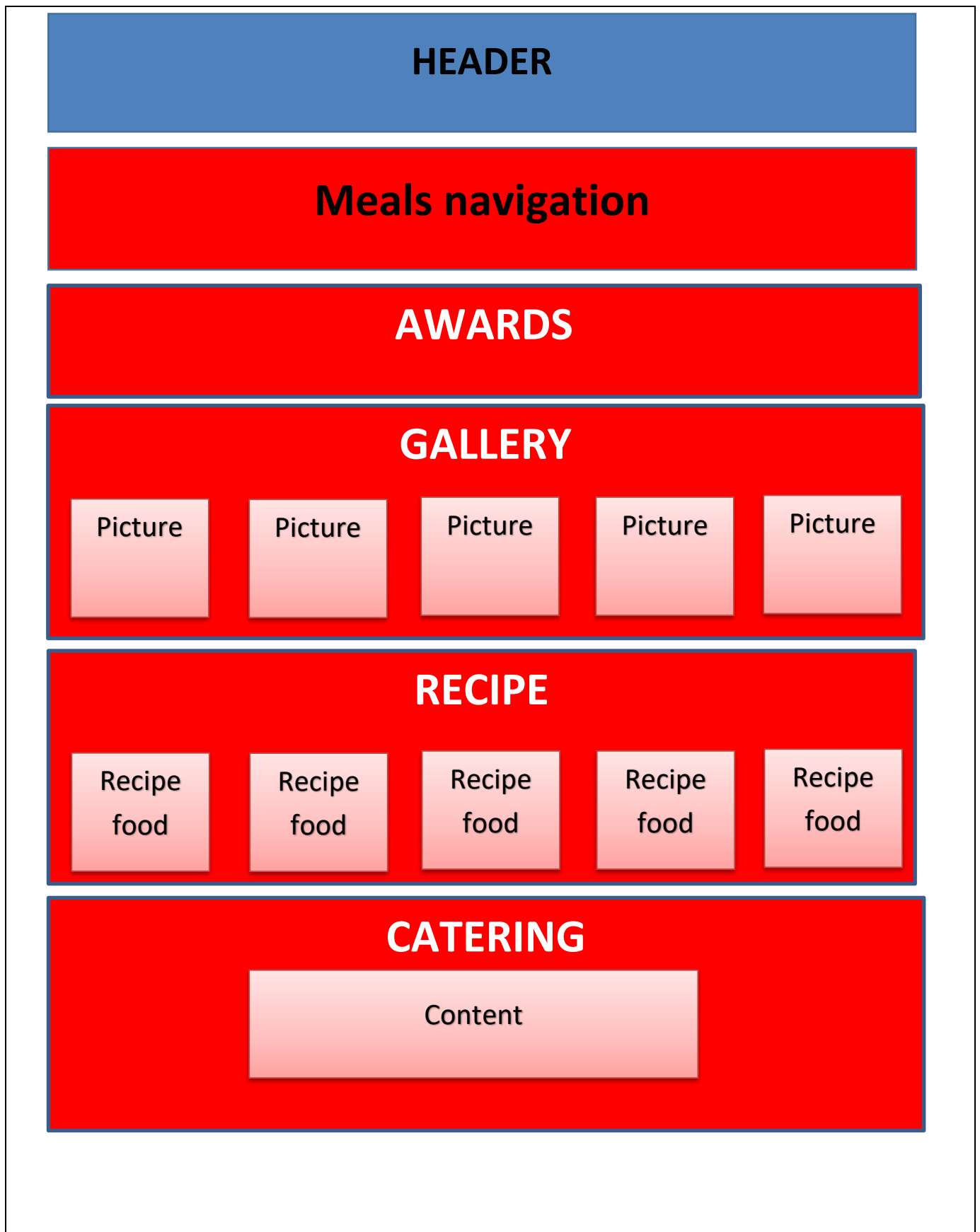Catering

Contact Us

Meals

Regular

Lunch

Dessert

Beverages
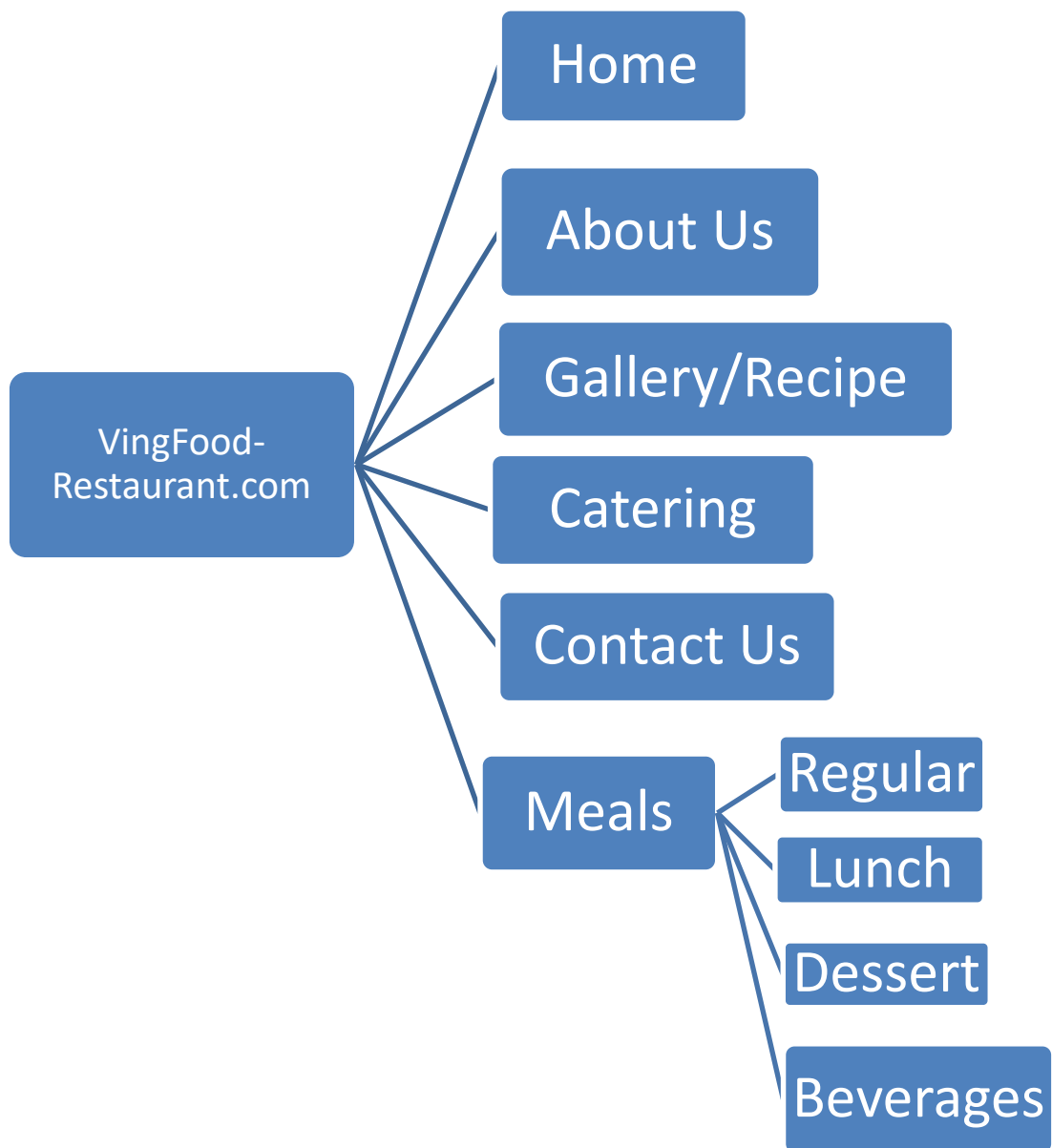
MOCK OF THE WEBSITE

We divide the website structure into layouts which will be displayed below. The header section includes Vinegar Food Restaurant logo and the Navigation Bar. Some tabs will have the pictures slideshow with the nice animation. The main content of each tab will be displayed in "Content" section. The footer includes Phone, Online Time, Email, Map.

1. **Home page**

HEADER

Meals navigation

AWARDS

GALLERY

| Picture | Picture | Picture | Picture | Picture |

RECIPE

| Recipe food | Recipe food | Recipe food | Recipe food | Recipe food |

CATERING

Content

Home page (continue)

About team Development
FOOTER
NAVIGATION BOTTOM

2. Meals (Regular, Lunch, Dessert, Beverages)

**HEADER
(LOGO – NAVIGATION BAR)**

Meals navigation

PICTURE

FOOTER

NAVIGATION BOTTOM
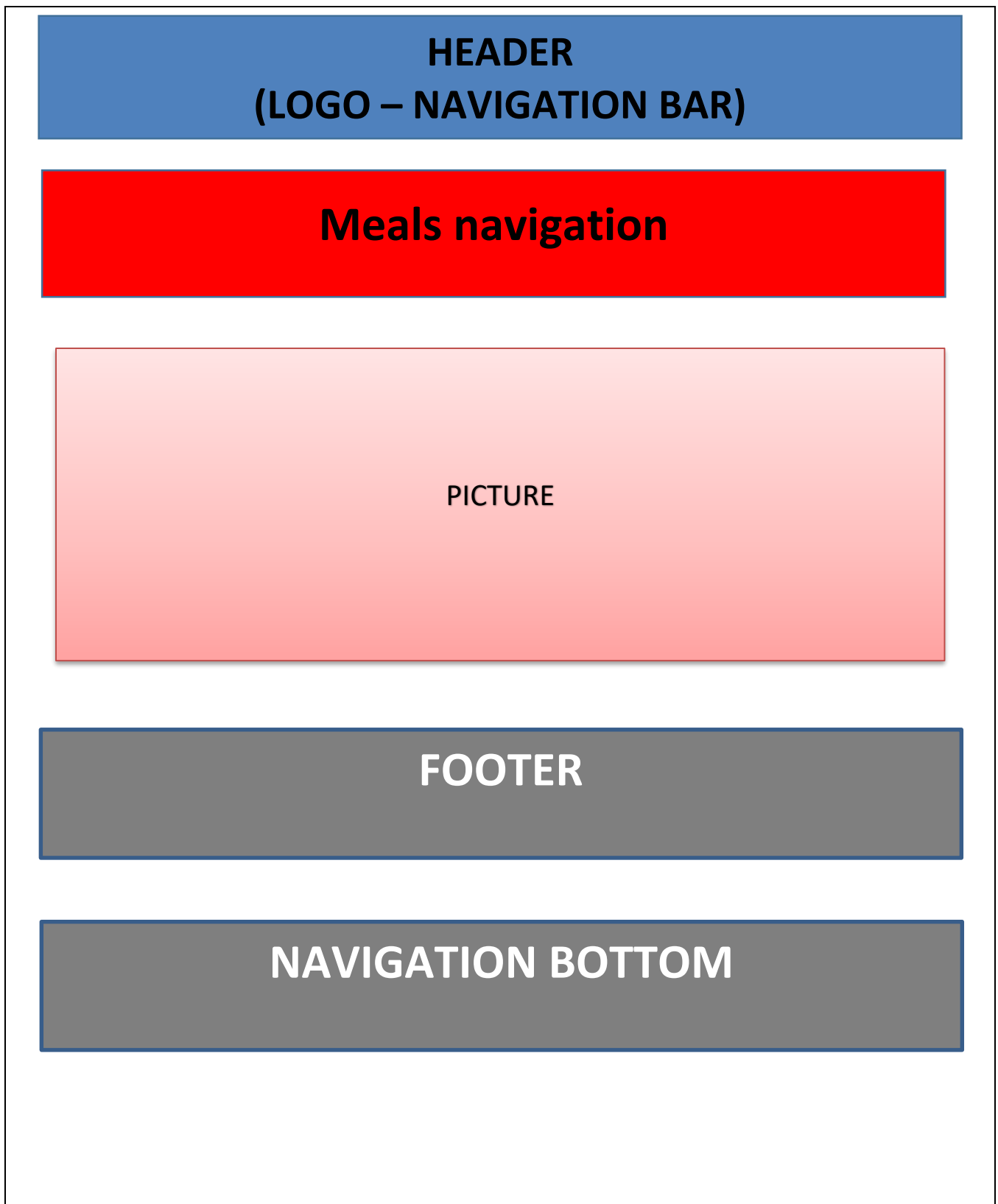
TASK SHEET REVIEW 2

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Site map	Vinegar Food Restaurant	Nghia	9/8/20	1	Nghia	Completed
2	Mock of the website			9/7/20	2	all	Completed
3	Task sheet			9/8/20	1	Nghia	Completed

Date:	
Signature of Instructor:	Signature of Team Leader:
Mr. Ngo Phuoc Nguyen	**Hoang Huu Nghia**

WEBSITE DESCRIPTION

1. Home page

a) *Description*

First, the page will show a section with snow flew from below

b) *Snapshot*

2. Awards

a) *Description*

The awards section provides information and received awards of Vinegar Food Restaurant.
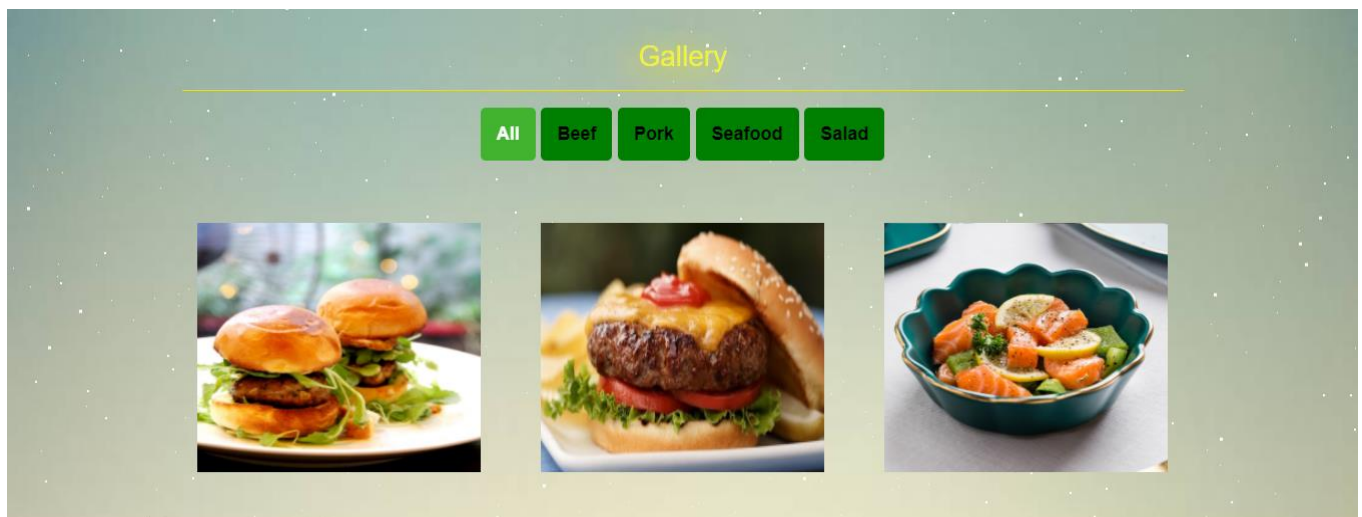
b) *Snapshot*

3. Gallery

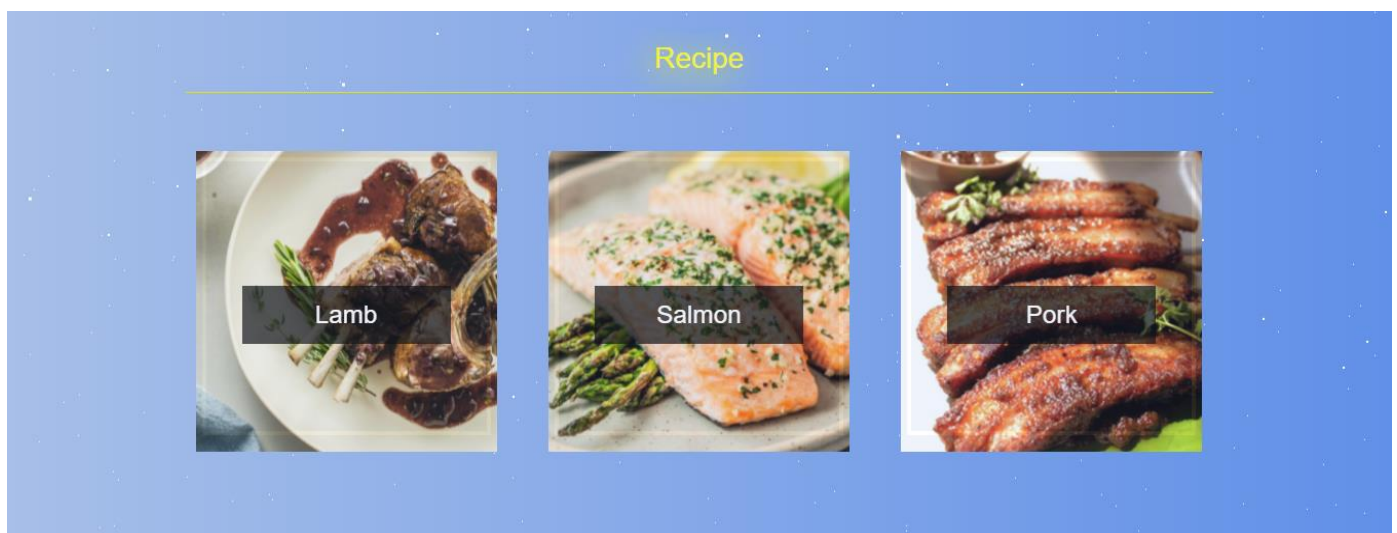## a) Description

This section provides pictures of food.

b) Snapshot

4. Recipe

a) Description

This section provides recipe of food every month.

b) Snapshot

5. Catering

a) *Description*

This section provides inside and outside catering, books catering..

b) *Snapshot*

6. About team development

a) *Description*

This section provides members pictures

b) *Snapshot*
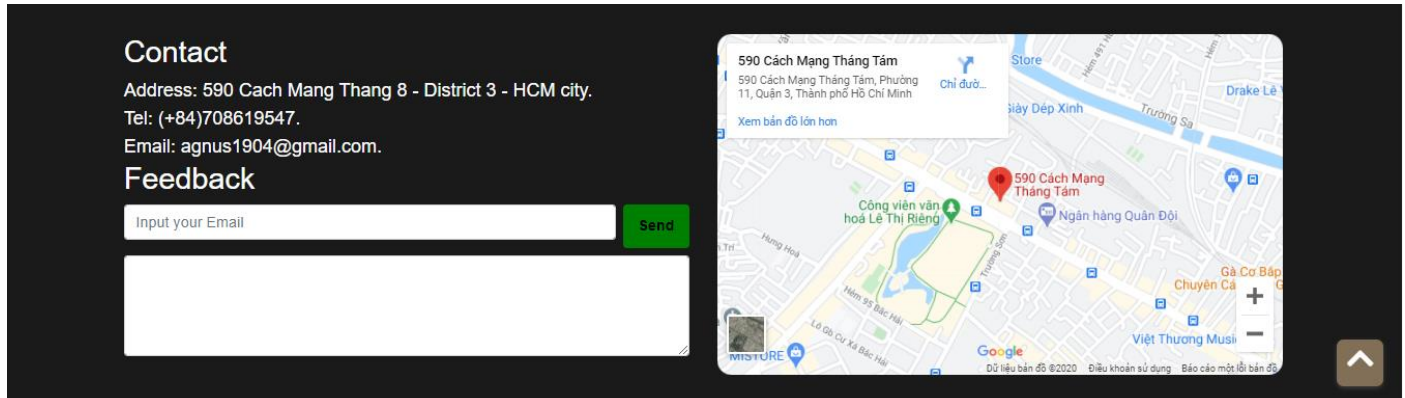
7. Contact

a) *Description*

This section provides inside and outside catering, books catering..
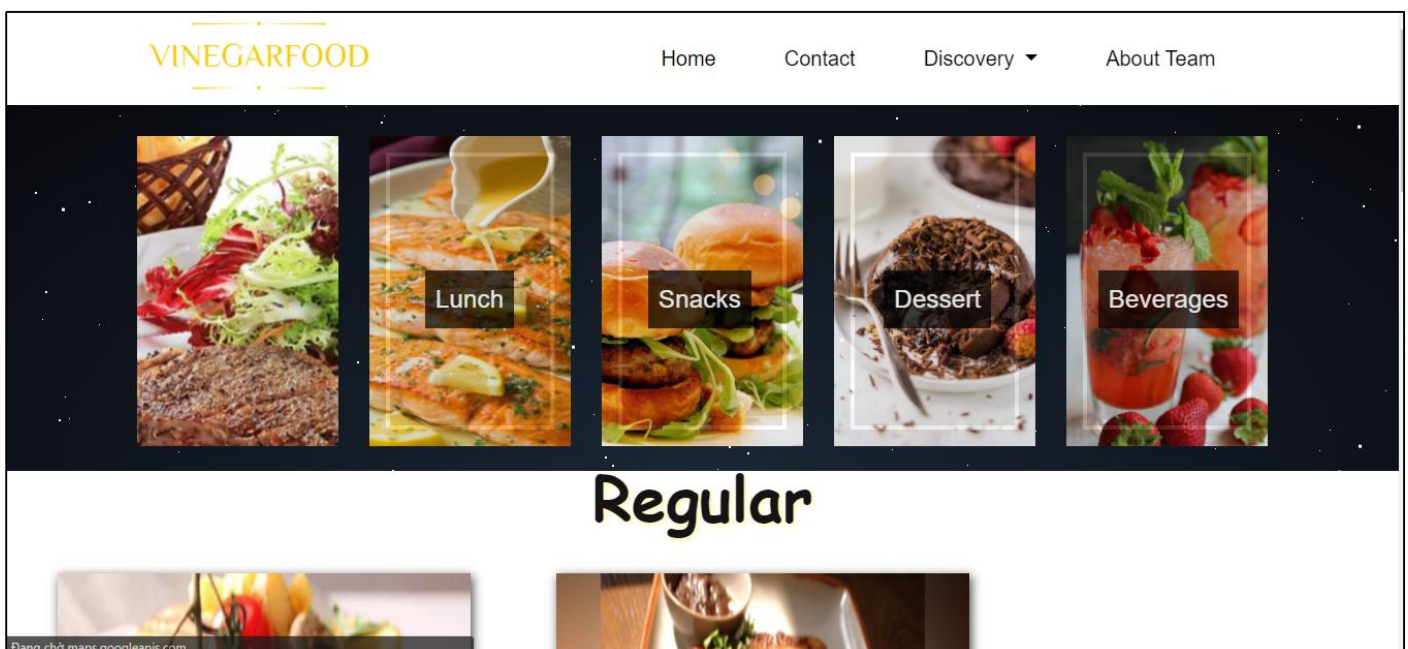
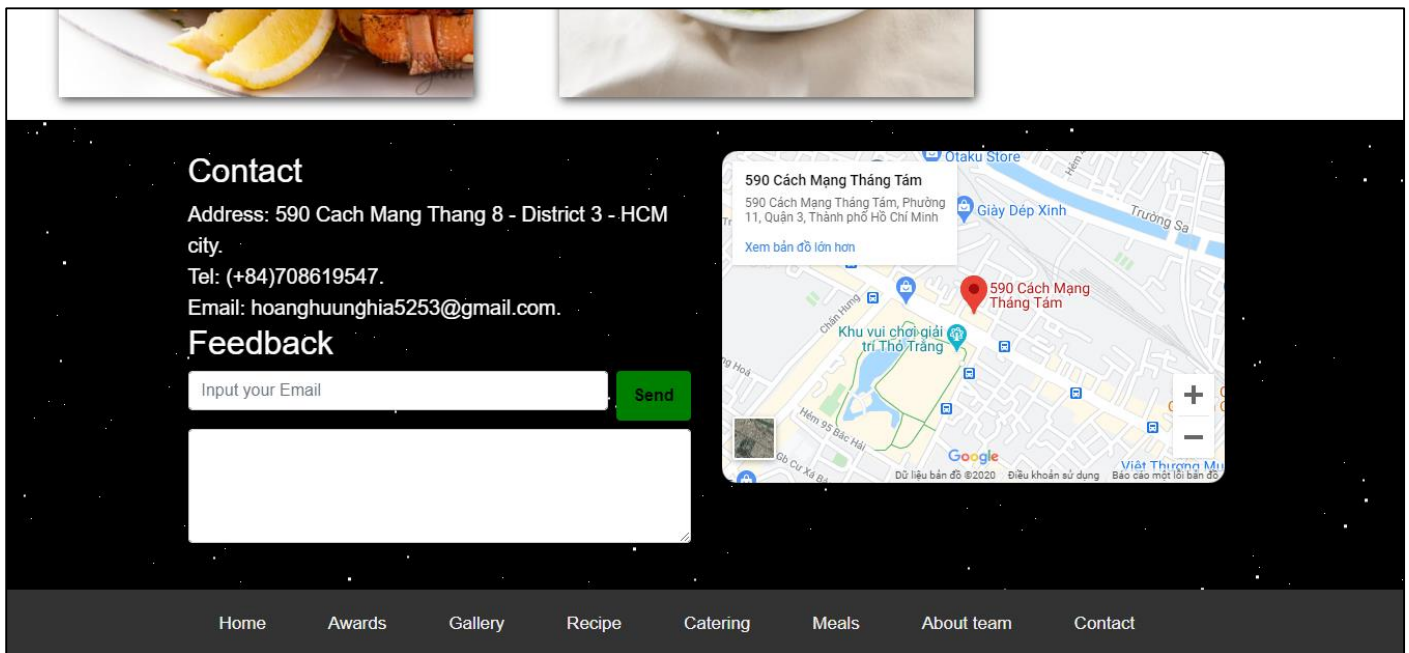### b) *Snapshot*

8. Meals

Description

Meals includes 5 pages (Regular, Lunch, Snacks, Dessert, Beverages). Each page shows pictures and name of dishes for each meals. The navigation of every page is same, includes: top navigation – fixed bottom navigation – Meals navigation.
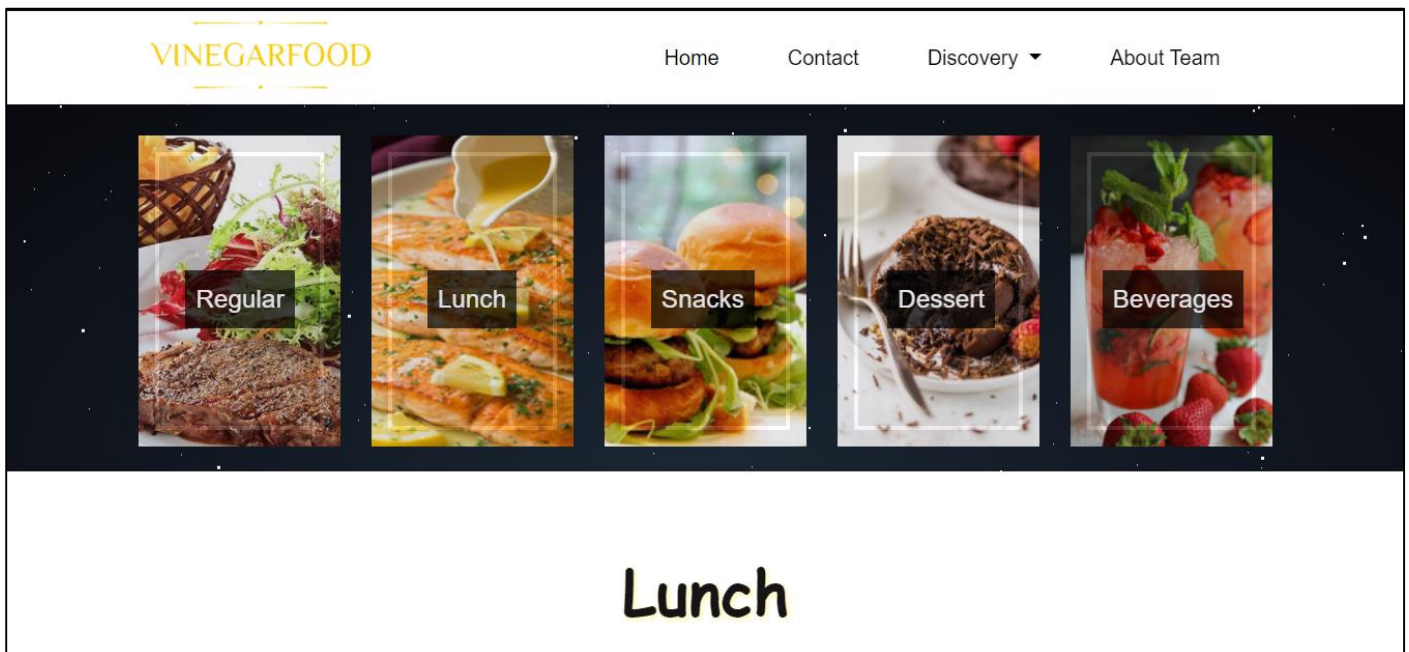
Top of Regular page:

Bottom of Regular page:

Top of Lunch page :

Bottom of Lunch page :

JAVASCRIPT DESCRIPTION

This chapter will provide information about JavaScript function integrated in the website

1. Button to top

a) Description: When height of web is scrolled to 350px, the button to top is shown. This button is clicked, the Homepage returns to top of page.

b) Screenshot

```
1    // ****************    button back to top    ******************
2    jQuery(document).ready(function($){
3        if($(".btn-top").length > 0) {
4            $(window).scroll(function () {
5                var e = $(window).scrollTop();
6                if (e > 350) {
7                    $(".btn-top").show()
8                } else {
9                    $(".btn-top").hide()
10               }
11           });
12           $(".btn-top").click(function () {
13               $('body,html').animate({
14                   scrollTop: 0
15               })
16           })
17       }
18   });
19
```

```
40
41    /* Button back to top */
42    .btn-top {
43        background-color: rgb(129, 111, 88); bottom: 20px; right:20px;
44        width: 50px; height: 50px; position: fixed;
45        border-radius: 15%;   padding-top: 5px;cursor: pointer;
46        text-align: center; text-decoration: none;
47        font-size: 32px; color: white;
48        box-shadow: 0 2px 5px rgba(74, 73, 73, 0.749);
49        z-index: 30000; display: none;
50    }
51
```

2. Bottom Navigation appears when scroll

a) Description: When every page is scrolled, the fixed bottom navigation will appear.

b) Snapshot:

```
20    // ********************* Navigation ***********************
21  ∨ window.addEventListener("scroll", function(){
22        var navbar = document.querySelector(".navbar-bot");
23        navbar.classList.toggle("sticky",window.scrollY > 0);
24    })
25
```

```
69    /* Navigation bottom */
70    .navbar-bot {
71        overflow: hidden;
72        background-color: ⬜#333;
73        position: fixed;
74        bottom: 0;
75        width: 100%;
76        visibility: hidden;
77        z-index: 20000;
78    }
79    .navbar-bot.sticky {
80        visibility: visible;
81    }
82    .navbar-bot a {
83        float: left;
84        display: block;
85        color: ⬛#f2f2f2;
86        text-align: center;
87        padding: 20px 30px;
88        text-decoration: none;
89        font-size: 17px;
90    }
91
92    .navbar-bot a:hover {
93        background: ⬛#f1f1f1;
94        color: ⬜black;
```

> sticky   Aa Ab̲l .* 3 o

3. Bottom Navigation responsive tranforms navigation center
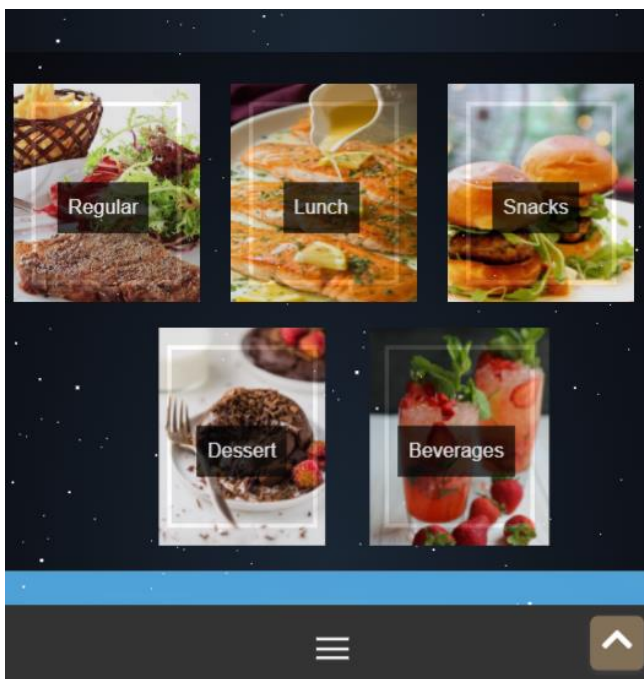
Home

Awards

Gallery

Recipe

Catering

Meals

About team

Contact

a) Description: After the fixed bottom navigation is responsive like the left above picture, it is clicked the column navigation/ center navigation is shown

b) Snapshot:

Javascript:

```
25
26    // Nav bot
27    function toggleMenu(){
28        var navcenter = document.querySelector (".nav-center");
29        navcenter.classList.toggle("togglenavcenter");
30    }
```

CSS:

```
14    /* Nav-center */                              > toggle
15  v .nav-center{
16        z-index: 50000;
17        position: fixed;
18        background-color: ■white;
19        height: 100%;
20        width: 100%;
21        text-align: center;
22        padding-top: 10%;
23        display:none;
24
25    }
26  v .nav-center.togglenavcenter {
27        display:block;
28    }
29  v .nav-center .menu-center li{
30        list-style: none;
31        line-height: 50px;
32    }
33  v .nav-center .menu-center li a{
34        text-decoration: none;
35        color:□black;
36        font-size: 25px;
37
38        cursor: pointer;
39    }
```

4. Addition

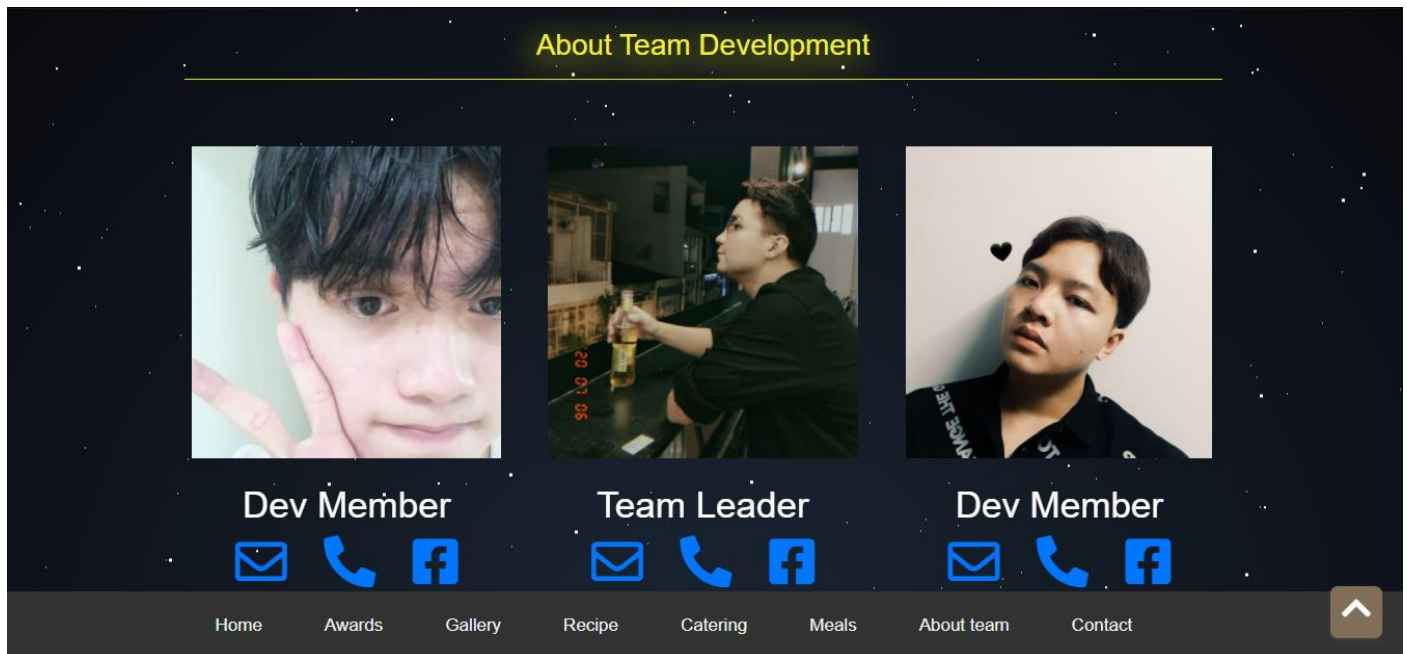- Besides above, we add the build-function, example:

a) WoW js :

- Description: WoW js makes avatar of members appear by flying into the set position
- Snapshot:


```
55
56   //***************    WoW js    *******************
57   new WOW().init();
58
```

b) Sweet Alert js :

- Description : It is used in booking for catering. When click "Book Here" button the "Sweet Alert" pop-up will appear.

```
72      // Catering
73      function sweetAlert(imgUrl) {
74          swal({
75              html:
76              `<div id="carouselView1" class="carousel slide" data-ride="carousel">
77                      <ul class="carousel-indicators">
78                          <li data-target="#carouselView1" data-slide-to="0" class="active"></li>
79                          <li data-target="#carouselView1" data-slide-to="1"></li>
80                          <li data-target="#carouselView1" data-slide-to="2"></li>
81                          <li data-target="#carouselView1" data-slide-to="3"></li>
82                      </ul>
83                      <div class="carousel-inner">
84                          <div class="carousel-item active">
85                              <img src="`+ imgUrl[0] +`" alt="image error">
86                          </div>
87                          <div class="carousel-item">
88                              <img src="` + imgUrl[1] + `" alt="image error">
89                          </div>
90                          <div class="carousel-item">
91                              <img src=" ` + imgUrl[2] + `" alt="image error">
92                          </div>
93                          <div class="carousel-item">
94                              <img src="` + imgUrl[3] + `" alt="image error">
95                          </div>
96                      </div>
97                      <a class="carousel-control-prev" href="#carouselView1" role="button" data-slide="prev">
98                          <span class="carousel-control-prev-icon" aria-hidden="true"></span>
99                          <span class="sr-only">Previous</span>
100                     </a>
101                     <a  class="carousel-control-next" href="#carouselView1" role="button" data-slide="next">
102                         <span class="carousel-control-next-icon " aria-hidden="true"></span>
103                         <span class="sr-only" >Next</span>
104                     </a>
105             </div>`
106             ,
```

```
107             width: 900,
108             padding: '3em',
109             background: 'linear-gradient(to top, #dcf390, #4a4b49, #242422, #111110, #111110, #4a4b49, #d3f564)',
110             backdrop: `
111                 rgba(0,0,0,0.7)
112                 center left
113                 no-repeat
114             `,
115             showCancelButton: true,
116             confirmButtonColor: '#3085d6',
117             cancelButtonColor: '#d33',
118             confirmButtonText: 'Booking',
119             cancelButtonText: 'Close'
120         }).then((result) => {
121             if (result.value) {
122                 swal({
123                     title: 'Booking',
124                     input: 'Multiple input',
125                     html:
126                         '<input id="swal-input1" class="swal2-input" placeholder="Enter your name">' +
127                         '<input id="swal-input2" class="swal2-input" placeholder="Enter your phone">',
128                     focusConfirm: false,
129                     showCancelButton: true,
130                     confirmButtonText: 'Confirm',
131                     cancelButtonColor: '#d33',
132                     preConfirm: () => {
133                         return [
134                             document.getElementById('swal-input1').value,
135                             document.getElementById('swal-input2').value
136                         ]
137                     },
138                     inputValidator: () => {
139                         var  value = false;
140                         if(document.getElementById('swal-input1').value == ''){
141                             return !value && 'You need to enter your name!';
142                         } else if(document.getElementById('swal-input2').value == ''){
143                             return !value && 'You need to enter your phone!';
```

```
144              }
145    ∨              if(document.getElementById('swal-input1').value.length < 2){
146                      return !value && 'The name must be 2 or more characters!';
147    ∨              } else if(document.getElementById('swal-input2').value.length < 10){
148                      return !value && 'Phone number must be 10 digits!';
149                  }
150              }
151    ∨      }).then((result) => {
152    ∨          if(result){
153    ∨              swal({
154                      type: 'success',
155                      title: 'Successful',
156    ∨                  html:`
157    ∨                      <h4>Hi ` + result.value[0] + `</h4>
158    ∨                      <h4>Your phone is: ` + result.value[1] + `</h4>
159                          <h4 class="text-success">We will contact you as soon as possible</h4>
160                      `,
161                      confirmButtonText: 'Done!'
162                  })
163              }
164          })
165      }
166    })
167    }
```
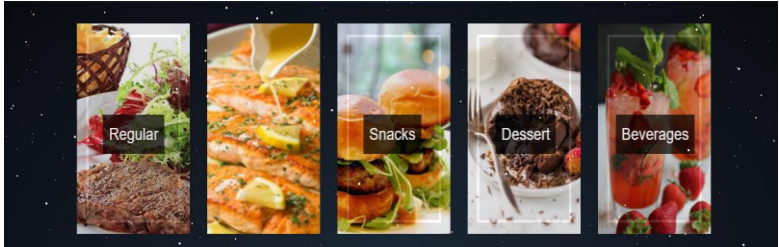
TASK SHEET REVIEW 3

Project Ref. No: eP/Advertisement Portal Managament System/01		Project Title:	Activity Plan Prepare d by:	Date of Preparation of activity plan			
Sr. No.	Task			Actual start date	Actual days	Teammate name	Status
1	Homepage	Vinegar Food Restaurant	Nghia	15/8/2020	12	Nghia	Completed
2	Awards			15/8/2020	5	Nghia An	Completed
3	Recipe			15/8/2020	5	Quan Nghia	Completed
4	Gallery			15/8/2020	7	Quan Nghia	Completed
5	Catering			15/8/2020	7	Nghia	Completed
6	Contact			15/8/2020	5	Nghia	Completed
7	About team			15/8/2020	7	Nghia	Completed
8	Regular- Meals			22/8/2020	5	An Nghia	Completed
9	Lunch- Meals			22/8/2020	5	An Nghia	Completed
10	Snacks- Meals			22/8/2020	5	Quan Nghia	Completed
11	Dessert- Meals			22/8/2020	5	Quan Nghia	Completed
12	Beverages- Meals			22/8/2020	5	Quan Nghia	Completed
13	Javascript Description			26/8/2020	1	Nghia	Completed

CHECK REQUIREMENTS OF REPORT

No.	Requirement	Avai lable	Position in Eproject report	Number page
1	Acknowledgements	Yes	Acknowledgements	4
2	eProject Synopsis	Yes	Synopsis	4
3	eProject Analysis	Yes	Problem Statement Customer's requirements specifications Scope of the work (in brief)	5 6 7
4	eProject Design	Yes	Mock of website Website Description	10 15
5	Source Code with Comments	Yes		
6	User Guide	Yes	in User guide document	
7	Developer's Guide (Module Descriptions)	Yes	Javascript Description	21

CHECK REQUIREMENTS OF WEBSITE

No	Requirement	Yes/No	References
1	Home page must add header section with an image which would show different range of dishes images.	Yes	
2	The menu list must be added in one section of the website	Yes	
3	The bottom navigation panel must be designed	Yes	
4	Navigation of the website must be made user friendly	Yes	
5	All required links are available	Yes	Home – Awards – Gallery – Recipe – Catering – Meals (regular,lunch,snacks,dessert,beverages) – About us – Contact
6	The type of food must be included	Yes	
7	Look and feel must be made user friendly	Yes	

8	Uniformity and Navigation must be made smooth throughout the website	Yes	
9	There should be a "Contact Us" page which will have the Address of the Company which should be displayed using GeoLocation API (eg. GoogleMaps) and the email address which when clicked will invoke the local mail client from where they can send an email	Yes	"Contact us" is located in footer section of every page