

Implementation Assignment

Assignment 3

Class

Client-Server Web Development

Tutor

Doug MacKenzie

Date Last Revised

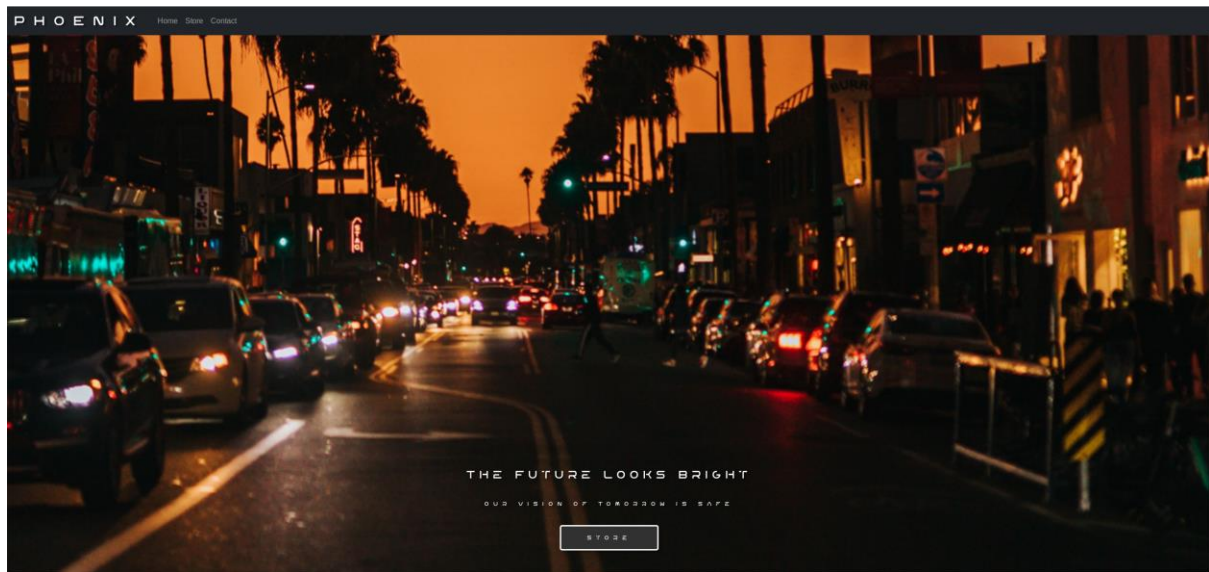
Sunday, 18 June 2023

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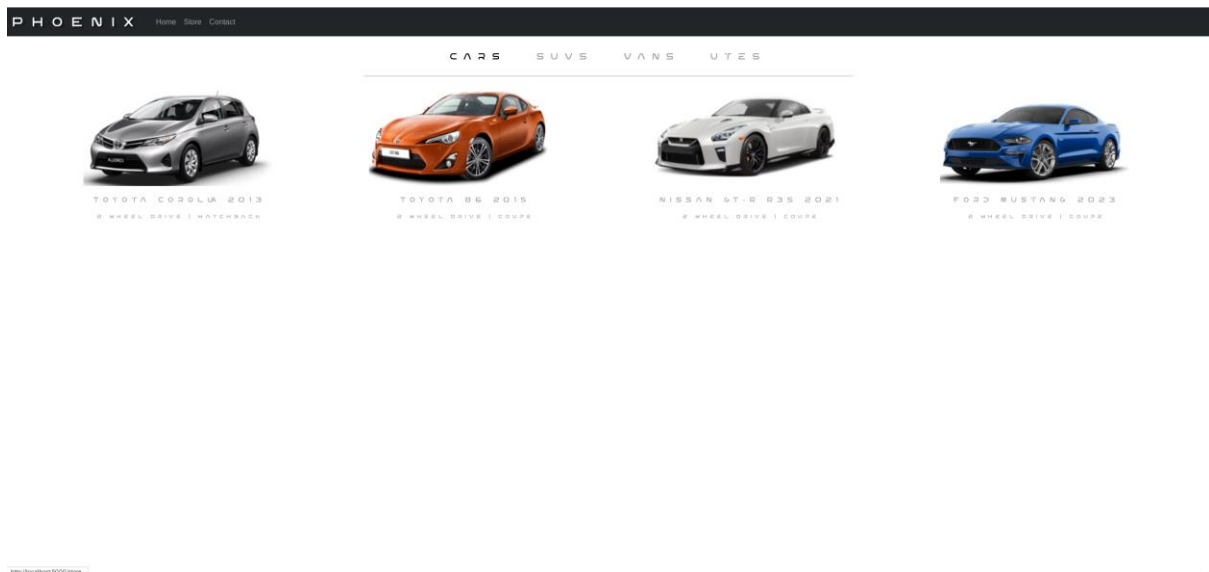
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1. Views

A. Home



B. Store



C. Information

PHOENIX [Home](#) [Store](#) [Contact](#)

2013 TOYOTA COROLLA



5X

FROM \$88,769.00

FEATURES

HAND-TREATED MATERIALS
ELECTRIC MIRRORS
EXCESSIVE SOUND SYSTEM

DESCRIPTION

JUST ABOUT THE ONLY THING WE DIDN'T UPDATE IN THE LATEST TOYOTA COROLLA IS ITS REPUTATION FOR EXCEPTIONAL DRIVING. THE EUROPEAN-INSPIRED DESIGN, CLEVER TECHNOLOGY AND THOUGHTFUL FEATURES MAKE EVERY MODEL IN THE TOYOTA COROLLA RANGE A JOY TO DRIVE.

BOOK A TEST DRIVE

PURCHASE HERE AT

D. Book a Test Drive

PHOENIX

Home Store Contact

BOOK A TEST DRIVE

FILL OUT THE DETAILS BELOW TO BOOK A TEST DRIVE

CHOOSE YOUR VEHICLE

MAKE

SELECT AN OPTION...

MODEL

SELECT AN OPTION...

ENTER YOUR DETAILS

TITLE

SELECT AN OPTION...

FIRST NAME

ENTER YOUR FIRST NAME...

LAST NAME

ENTER YOUR LAST NAME...

PHONE

ENTER YOUR PHONE...

EMAIL


ENTER YOUR EMAIL...


FIND A BUSINESS

STORE

AUCKLAND

AUCKLAND STORE

 289 GREENLAND AVE, HAMILTON 3592, NEW ZEALAND

 3075089

OPENING HOURS

SUN : 11AM - 10PM

MON : 9AM - 10AM

TUE : 9AM - 10PM

WED : 9AM - 10PM

THUR : 9AM - 10PM

FRI : 9AM - 10PM

SAT : 9AM - 10PM

BOOK YOUR TEST DRIVE

E. Purchase a Vehicle

PHOENIX Home Store Contact

PURCHASE A VEHICLE

FILL OUT THE DETAILS BELOW TO PURCHASE A VEHICLE FROM A LOCAL DEALER

CHOOSE YOUR VEHICLE

MAKE

SELECT AN OPTION... ▼

MODEL

SELECT AN OPTION... ▼

COLOURS

SELECT AN OPTION... ▼

ENTER YOUR DETAILS

TITLE

SELECT AN OPTION... ▼

FIRST NAME

ENTER YOUR FIRST NAME...

LAST NAME

ENTER YOUR LAST NAME...

PHONE

ENTER YOUR PHONE...

EMAIL

ENTER YOUR EMAIL...

FIND A BUSINESS

STORE

AUCKLAND ▼

AUCKLAND STORE

 289 GREENLAND AVE. HAMILTON 3582, NEW ZEALAND

 3075089

OPENING HOURS

SUN : 11AM - 10PM

MON : 9AM - 10AM

TUE : 9AM - 10PM

WED : 9AM - 10PM

THUR : 9AM - 10PM

FRI : 9AM - 10PM

SAT : 9AM - 10PM

BOOK YOUR TEST DRIVE

CONTACT INFORMATION

BELOW ARE THE CONTACT DETAILS FOR OUR HEAD OFFICE LOCATED IN

PHONE
3035026

EMAIL
HEADOFFICE@PHOENIX.CO.NZ

STREET ADDRESS
15 KING STREET
HAMILTON
NEW ZEALAND

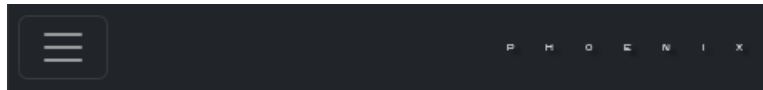
OPEN HOURS
SUN : 9AM - 10PM
MON : 9AM - 10PM
TUE : 9AM - 10PM
WED : 9AM - 10PM
THUR : 9AM - 10PM
FRI : 9AM - 10PM
SAT : 9AM - 10PM

2. Component Testing

A. Contact

a. Information

i. Content



HEADER TEST

THIS IS THE CONTENT

```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Information from "../components/contact/information/basecomponent.vue";

/* Import Style Sheet */
/* ===== */
import './contact/style.css';
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <!-- Container -->
  <!-- ===== -->
  <div id="contact_container">
    <!-- Information -->
    <Information header="Header Test" content="This is the content"/>
  </div>
</template>
```

ii. Content Group



OPEN HOURS

SUN : 7AM - 7PM

MON : 7AM - 7PM

TUE : 7AM - 7PM

WED : 7AM - 7PM

THUR : 7AM - 7PM

FRI : 7AM - 7PM

SAT : 7AM - 7PM


```

<!-- Setup Script -->
<!-- ===== -->
<script setup>
  /* Import Components */
  /* ===== */
  import Information from "../components/contact/information/basecomponent.vue";

  /* Import Style Sheet */
  /* ===== */
  import './contact/style.css';
</script>

<!-- Template -->
<!-- ===== -->
<template>
  <!-- Container -->
  <!-- ===== -->
  <div id="contact_container">
    <!-- Information -->
    <!-- Open Hours -->
    <!-- ===== -->
    <Information header="Open Hours" :contentgroup*["Sun : 7am - 7pm", "Mon : 7am - 7pm", "Tue : 7am - 7pm", "Wed : 7am - 7pm", "Thur : 7am - 7pm", "Fri : 7am - 7pm", "Sat : 7am - 7pm"]"/>
  </div>
</template>

```

B. Form

a. Dropdown

i. Dropdown - Closed

P H O E N I X

HomeStoreContact

HEADER TEST

SELECT AN OPTION...▼

ii. Dropdown - Open

P H O E N I X

HomeStoreContact

HEADER TEST

SELECT AN OPTION...▼

OPTION 1

OPTION 2

OPTION 3

OPTION 4

iii. Selection Change

P H O E N I X

HomeStoreContact

HEADER TEST

OPTION 1▼

iv. Code

```
src > views > testing.vue / 1) testing.vue
<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
/* =====
===== */
import Dropdown from "../components/form/dropdown/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
=====
===== -->
<template>
<div style="display: flex; justify-content: center; padding-top: 20px; margin:auto; width: 400px;">
  <!-- Dropdown -->
  <!-- =====
===== -->
  <Dropdown header="Header Test" :options="['Option 1', 'Option 2', 'Option 3', 'Option 4']"/>
</div>
</template>
```

b. Input Field

i. Input Field – No Input

P H O E N I X Home Store Contact

HEADER TEST

ENTER YOUR HEADER TEST...

ii. Input Field – Input

P H O E N I X Home Store Contact

HEADER TEST

HELLO WORLD

iii. Input Field – Selected

P H O E N I X Home Store Contact

HEADER TEST

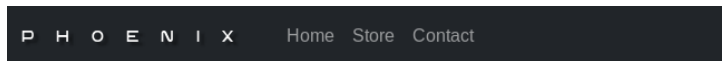
HELLO WORLD|

iv. Code

```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Dropdown from "../components/form/inputfield/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; margin:auto; width: 400px;">
    <!-- Dropdown -->
    <!-- ===== -->
    <Dropdown header="Header Test" :options=["Option 1", 'Option 2', 'Option 3', 'Option 4']"/>
  </div>
</template>
```

c. Title



TITLE TEST

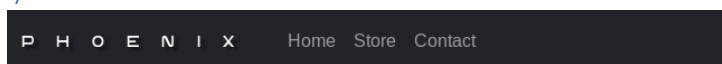
```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Title from "../components/form/title/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; margin:auto; width: 400px;">
    <!-- Title -->
    <!-- ===== -->
    <Title title="Title Test"/>
  </div>
</template>
```

d. Location

i. Content

i). Link Content

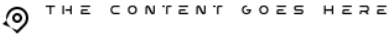
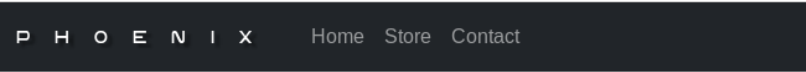


 THE ADDRESS GOES HERE

```
<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
=====
===== */
import Content from "../components/form/location/content/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
=====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; margin:auto; width: 400px;">
    <!-- Content -->
    <!-- =====
    ===== -->
    <Content :linkcontent="The Address Goes Here" link="https://www.google.com/"
      :icon="M12 20.8995L16.9497 15.9497C19.6834 13.2161 19.6834 8.78392 16.9497 6.05025C14.2161 3.31658 9.78392 3.31658 7.05025 6.05025C4.31658 8.78392 4.31658 13.2161 +
      '7.05025 15.9497L12 20.8995ZM12 23.7279L5.63604 17.364C2.12132 13.8492 2.12132 8.15076 5.63604 4.63604C9.15076 1.12132 14.8492 1.12132 18.364 4.63604C21.8787 8.15076' +
      ' 21.8787 13.8492 18.364 17.364L12 23.7279ZM12 13C13.1046 13 14 12.1046 14 11C14 9.89543 13.1046 9 12 9C10.8954 9 10 9.89543 10 11C10 12.1046 10.8954 13 12 13ZM12 15C9.79086 15
      ' 15 8 13.2091 8 11C8 8.79086 9.79086 7 12 7C14.2091 7 16 8.79086 16 11C16 13.2091 14.2091 15 12 15Z'"/>
    </div>
  </template>
```

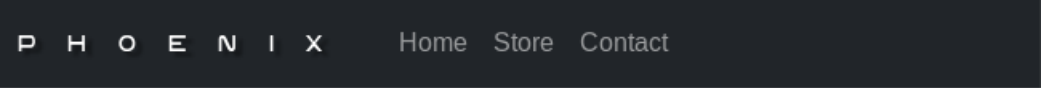
ii). Content



```
<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
=====
===== */
import Content from "../components/form/location/content/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
=====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; margin:auto; width: 400px;">
    <!-- Content -->
    <!-- =====
    ===== -->
    <Content content="The Content Goes Here" link="https://www.google.com/"
      :icon="M12 20.8995L16.9497 15.9497C19.6834 13.2161 19.6834 8.78392 16.9497 6.05025C14.2161 3.31658 9.78392 3.31658 7.05025 6.05025C4.31658 8.78392 4.31658 13.2161 +
      '7.05025 15.9497L12 20.8995ZM12 23.7279L5.63604 17.364C2.12132 13.8492 2.12132 8.15076 5.63604 4.63604C9.15076 1.12132 14.8492 1.12132 18.364 4.63604C21.8787 8.15076' +
      ' 21.8787 13.8492 18.364 17.364L12 23.7279ZM12 13C13.1046 13 14 12.1046 14 11C14 9.89543 13.1046 9 12 9C10.8954 9 10 9.89543 10 11C10 12.1046 10.8954 13 12 13ZM12 15C9.79086 15
      ' 15 8 13.2091 8 11C8 8.79086 9.79086 7 12 7C14.2091 7 16 8.79086 16 11C16 13.2091 14.2091 15 12 15Z'"/>
    </div>
  </template>
```

ii. Open Hours



OPENING HOURS

SUN : 9AM - 10PM

MON : 9AM - 10PM

TUE : 9AM - 10PM

WED : 9AM - 10PM

THUR : 9AM - 10PM

FRI : 9AM - 10PM

SAT : 9AM - 10PM

```

<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
/* ===== */
import OpenHours from "../components/form/location/openhours/basecomponent.vue";
</script>

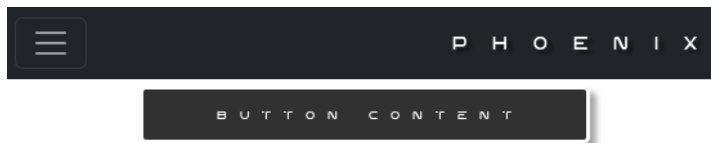
<!-- Template -->
<!-- =====
=====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; margin:auto; width: 400px;">
    <!-- Open Hours -->
    <!-- =====
    ===== -->
    <OpenHours header="Opening Hours" :contentgroup="{ sunday: ['9am', '10pm'], monday: ['9am', '10pm'], tuesday: ['9am', '10pm'], wednesday: ['9am', '10pm'],
    thursday: ['9am', '10pm'], friday: ['9am', '10pm'], saturday: ['9am', '10pm'], }" />
  </div>
</template>

```

C. Generic

a. Button

i. UI



```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Button from "../components/generic/button/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <div style="display: flex; justify-content: center; margin: auto; width: 350px;">
    <!-- Button -->
    <Button label="Button Content" path="/" />
  </div>
</template>
```

b. Header

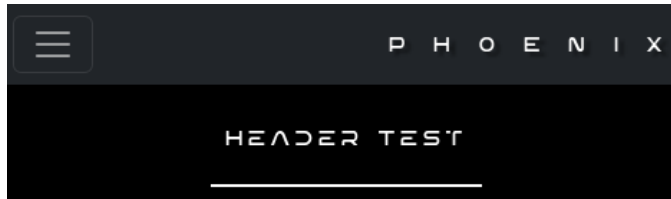
i. Header Light



```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; background-color: black; height: 100vmax;">
    <!-- Header -->
    <Header header="Header Test" :isunderline="false" :islight="true" />
  </div>
</template>
```

ii. Header Light Underlined



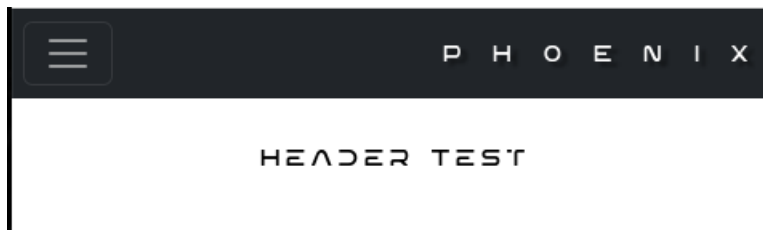
```
<!-- Setup Script -->
<!-- =====
===== -->

<script setup>
/* Import Components */
/* ===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->

<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; background-color: black; height: 100vmax;">
    <!-- Header -->
    <Header header="Header Test" :isunderline="true" :islight="true"/>
  </div>
</template>
```

iii. Header Dark



```
<!-- Setup Script -->
<!-- =====
===== -->

<script setup>
/* Import Components */
/* ===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->

<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; height: 100vmax;">
    <!-- Header -->
    <Header header="Header Test" :isunderline="false" :islight="false"/>
  </div>
</template>
```

iv. Header Dark Underlined



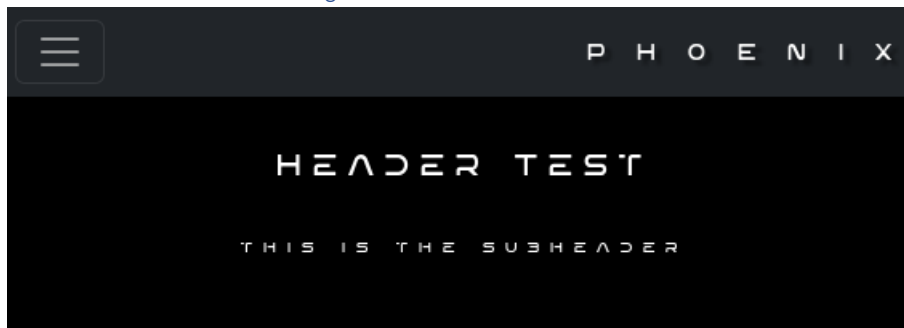

```

<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
=====
===== -->
<template>
<div style="display: flex; justify-content: center; padding-top: 20px; height: 100vmax;">
  <!-- Header -->
  <Header header="Header Test" :isunderline="true" :islight="false"/>
</div>
</template>

```

v. Header and Subheader Light



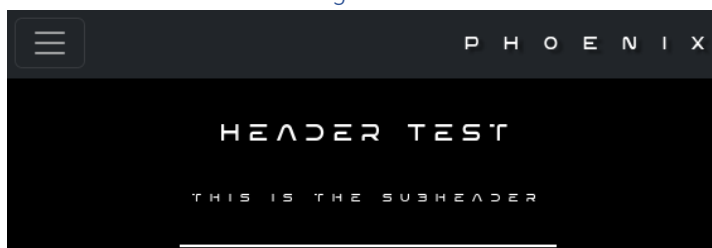
```

<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
=====
===== -->
<template>
<div style="display: flex; justify-content: center; padding-top: 20px; background-color: black; height: 100vmax;">
  <!-- Header -->
  <Header header="Header Test" subheader="this is the subheader" :isunderline="false" :islight="true"/>
</div>
</template>

```

vi. Header and Subheader Light Underlined



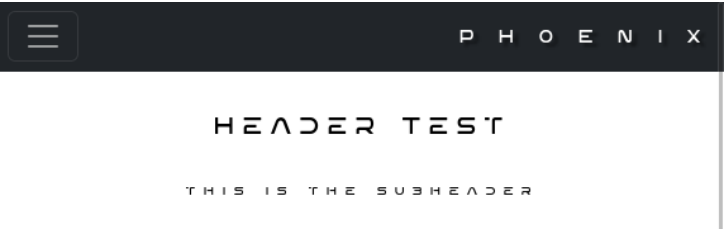
```

<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* =====
===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
<div style="display: flex; justify-content: center; padding-top: 20px; background-color: black; height: 100vmax;">
  <!-- Header -->
  <Header header="Header Test" subheader="this is the subheader" :isunderline="true" :islight="true"/>
</div>
</template>

```

vii. Header and Subheader Dark



```

<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* =====
===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
<div style="display: flex; justify-content: center; padding-top: 20px; height: 100vmax;">
  <!-- Header -->
  <Header header="Header Test" subheader="this is the subheader" :isunderline="false" :islight="false"/>
</div>
</template>

```

viii. Header and Subheader Dark Underlined



```

<!-- Setup Script -->
<!-- =====
=====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Header from "../components/generic/header/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
=====
===== -->
<template>
  <div style="display: flex; justify-content: center; padding-top: 20px; height: 100vmax;">
    <!-- Header -->
    <Header header="Header Test" subheader="this is the subheader" :isunderline="true" :islight="false"/>
  </div>
</template>

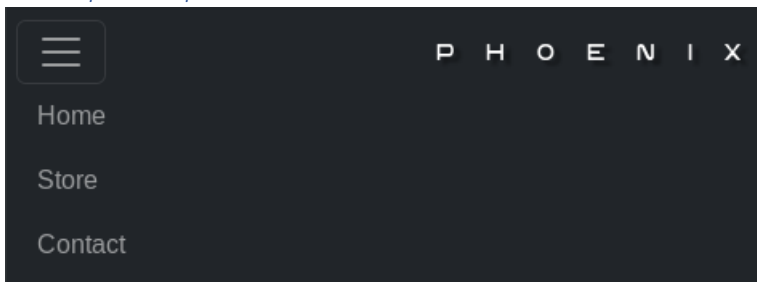
```

c. Navigation

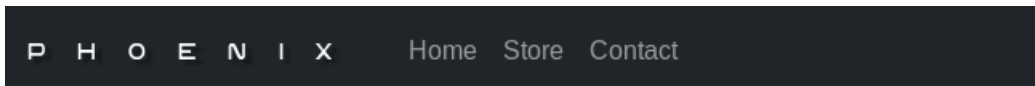
i. Collapsed - Closed



ii. Collapsed - Open



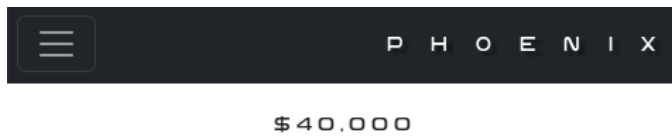
iii. Normal



D. Information

a. Content

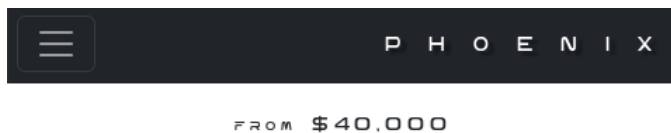
i. Header Standalone



```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Content from "../components/information/content/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <div style="display: flex; justify-content: center;">
    <!-- Content -->
    <Content header="$40,000"/>
  </div>
</template>
```

ii. Header and Subheader

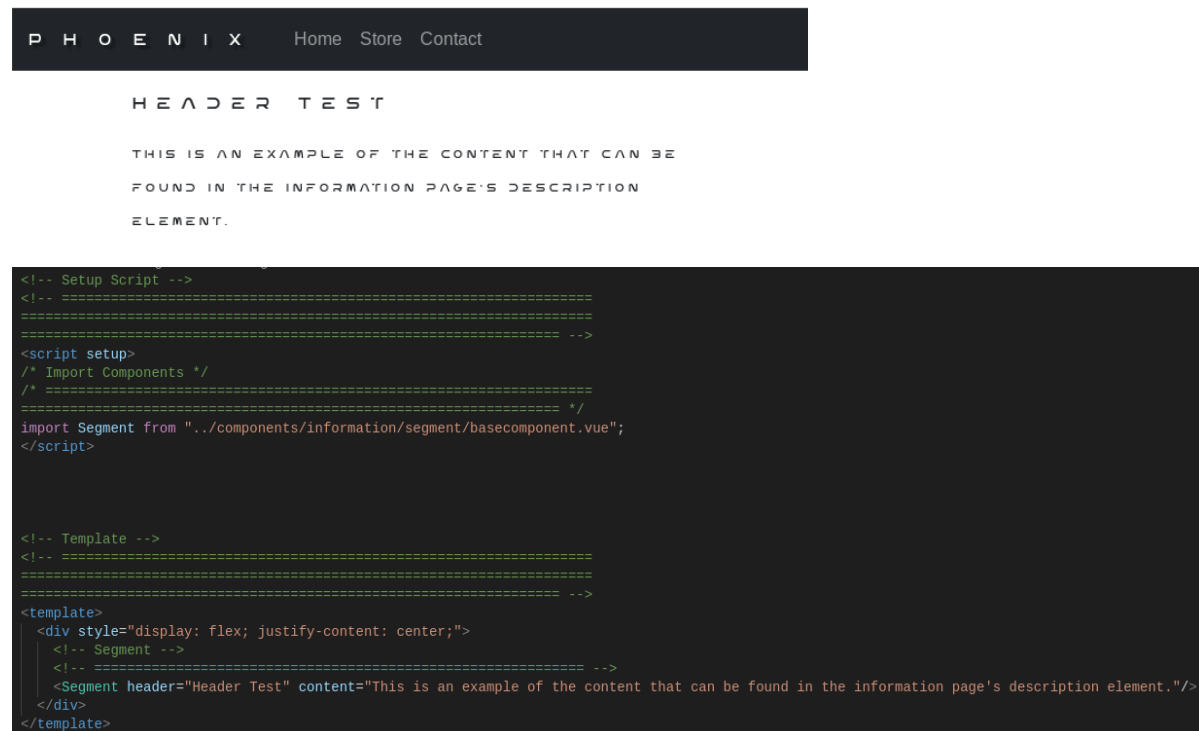


```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Components */
/* ===== */
import Content from "../components/information/content/basecomponent.vue";
</script>

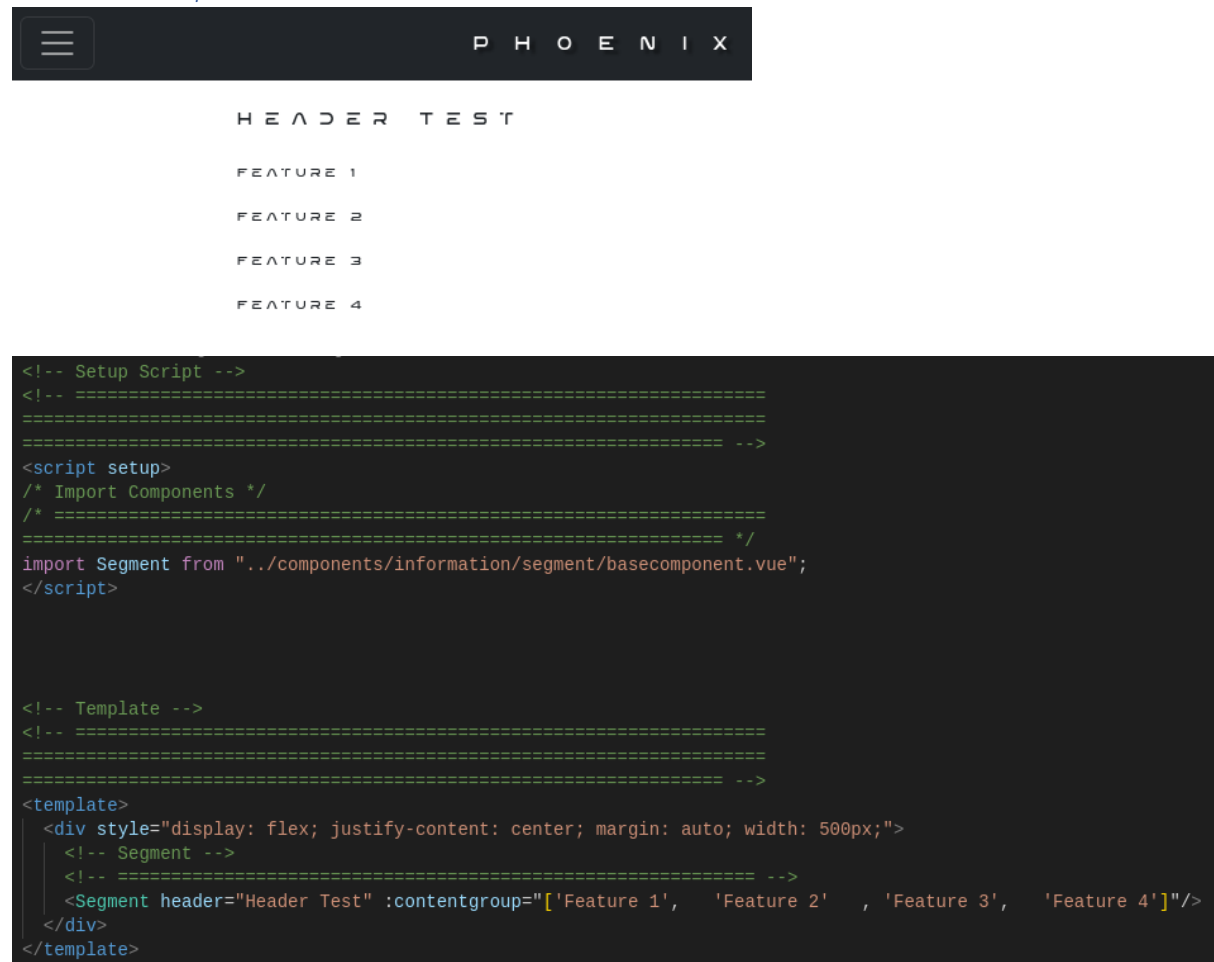
<!-- Template -->
<!-- =====
===== -->
<template>
  <div style="display: flex; justify-content: center;">
    <!-- Content -->
    <Content header="$40,000" subheader="from"/>
  </div>
</template>
```

b. Segment

i. Content



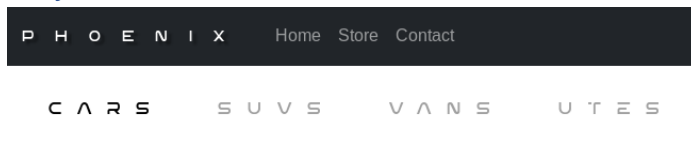
ii. Content Group



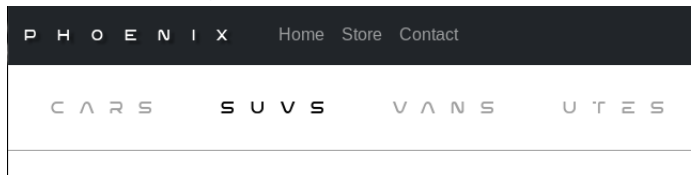
E. Store

a. Vehicle Menu

i. Default



ii. Selection Change



iii. Code

```
<!-- Setup Script -->
<!-- =====
=====
=====
===== -->

<script setup>
/* Import Style Sheet */
/* =====
===== */
import './store/style.css';
</script>

<!-- Template -->
<!-- =====
=====
=====
===== -->

<template>
  <div>
    <!-- Vehicle Menu -->
    <!-- ===== -->
    <!-- ===== -->
    <!-- ===== -->
    <div id="vehiclemenu">
      <!-- Groups -->
      <!-- ===== -->
      <!-- ===== -->
      <div class="vehiclemenu_group" v-for="(group, i) in menuList.groups" v-bind:key="i">
        <!-- Menu Items -->
        <!-- ===== -->
        <button v-for="(item, j) in group.items" v-bind:key="j" :id="`item${item.selectedIndex}`"
          :class="[item.isselected ? 'vehicle_menu_item_active' : 'vehicle_menu_item_unactive', 'vehicle_menu_item']"
          @click="selectIndex(item.selectedIndex, item.content)">{{item.content}}</button>
      </div>
    </div>
  </div>
</template>
```

```

<!-- Script -->
<!-- =====
=====
===== -->
</script>
<script>
/* Export Default */
/* ===== */
/* ===== */
/* ===== */
export default {
/* Data */
/* ===== */
/* ===== */
data: () => ({
/* Menu Items */
/* ===== */
menu: {
groups: [
{ items: [ { content: "Cars", selectedIndex: 0, isselected: false }, { content: "SUVs", selectedIndex: 1, isselected: false } ] },
{ items: [ { content: "Vans", selectedIndex: 2, isselected: false }, { content: "Utes", selectedIndex: 3, isselected: false } ] }
],
},

/* Menu Item */
/* ===== */
tempmenuitem: 0,
menuitem: 1,
}),

/* Methods */
/* ===== */
/* ===== */
methods: {
/* Select Index */
/* ===== */
selectIndex(menuitem, category) {
// Set Temp Menu Item to Menu Item
this.tempmenuitem = menuitem;

// Set Temp Category to Category
this.tempcategory = category.toLowerCase();
}
},

/* Computed */
/* ===== */
/* ===== */
computed: {
/* Menu List */
/* ===== */
menuList() {
// Vakudate Menu Item Selection
if(this.tempmenuitem != this.menuitem) {
// Set Menu Item Index to Temp Menu Item Index
this.menuitem = this.tempmenuitem;

// Loop through Menu Item Groups
for (let i = 0; i < this.menu.groups.length; i++) {
// Loop through Items within Menu Item Groups
for (let j = 0; j < this.menu.groups[i].items.length; j++) {
// Validate Menu Item Selection
if(this.menu.groups[i].items[j].selectedIndex == this.menuitem) {
// Select Menu Item
this.menu.groups[i].items[j].isselected = true;
}
else {
// Unselect Menu Item
this.menu.groups[i].items[j].isselected = false;
}
}
}

// Return Menu
return this.menu;
}
}
};
</script>

```

b. Vehicle



```
<!-- Setup Script -->
<!-- =====
===== -->
<script setup>
/* Import Vehicle Component */
/* ===== */
import Vehicle from "../components/store/vehicle/basecomponent.vue";
</script>

<!-- Template -->
<!-- =====
===== -->
<template>
  <div>
    <!-- Vehicle Container -->
    <!-- ===== -->
    <!-- ===== -->
    <div id="vehicle_container">
      <!-- Vehicle Items -->
      <!-- ===== -->
      <Vehicle v-for="(item, i) in vehicles" :key="i" :vehicle="item"/>
    </div>
  </div>
</template>

<!-- Script -->
<!-- =====
===== -->
<script>
/* Export Default */
/* ===== */
/* ===== */
export default {
  /* Data */
  /* ===== */
  data() {
    return {
      /* Vehicles - Array of Objects */
      vehicles: [
        {
          icon: {
            category: "cars",
            iconimg: "icon.iconimg_1687005166699_2013 Toyota Corolla GX Icon.png",
            shape: "Hatchback",
            type: "2 Wheel Drive"
          },
          make: "Toyota",
          model: "Corolla",
          year: 2012
        }
      ]
    };
  }
};
</script>
```


References

DCodeMania. (2021). *#02 MEVN Full Stack Web Application Tutorial | Working on Front-End* [Video]. YouTube.

https://www.youtube.com/watch?v=-gdG_P85fFQ&ab_channel=DCodeMania