



A. MỤC TIÊU:

- Sử dụng Component Dropdowns
- Sử dụng Component Navs & Navbar
- Sử dụng Component icons
- Sử dụng Component Forms

B. NỘI DUNG THỰC HÀNH

1. Cơ sở lý thuyết

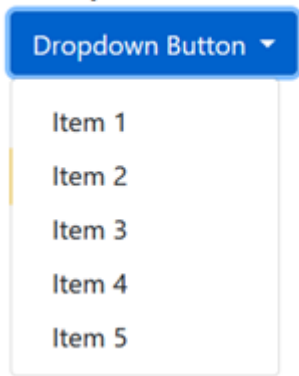
1.1. Kiến thức cần nhớ

- Component Dropdowns
Sử dụng các lớp: dropdown, dropdown-menu, dropdown-item, btn-group dropup, dropstart, dropend, dropup, active, disabled.
- Component Navs
Sử dụng các lớp: nav, nav-item, nav-link
 - + Nav ngang sử dụng một số lớp để canh lề cho Menu
 - .justify-content-start → Canh lề trái
 - .justify-content-center → Canh giữa
 - .justify-content-end → Canh lề phải
 - + Nav đứng: dùng kèm lớp .flex-column
 - + Nav Pill: dùng kèm lớp .nav-pills
 - + Nav tabs: dùng kèm lớp .nav-tabs
 - + Nav bar: dùng các lớp .navbar, .navbar-brand, .navbar-toggler-icon, .
- Component icons: Tùy từng icon khác nhau mà path sẽ khác nhau; Tham khảo <https://v5.getbootstrap.com/docs/5.0/extend/icons/> hoặc http://www.w3schools.com/icons/fontawesome5_intro.asp để lấy các icon
- Component Forms: Sử dụng các lớp form-control; form-check-label; is-valid và is-invalid; valid-feedback, invalid-feedback, text-muted;

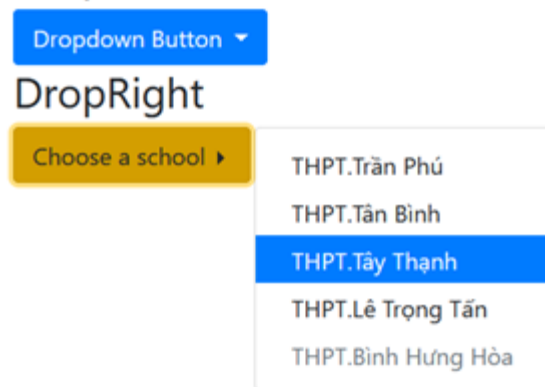
1.2. Giới thiệu bài tập mẫu

Bài 1: Tạo trang Bai1.html sử dụng component - dropdown và Bootstrap online như sau:

DropDown



DropRight



Yêu cầu:

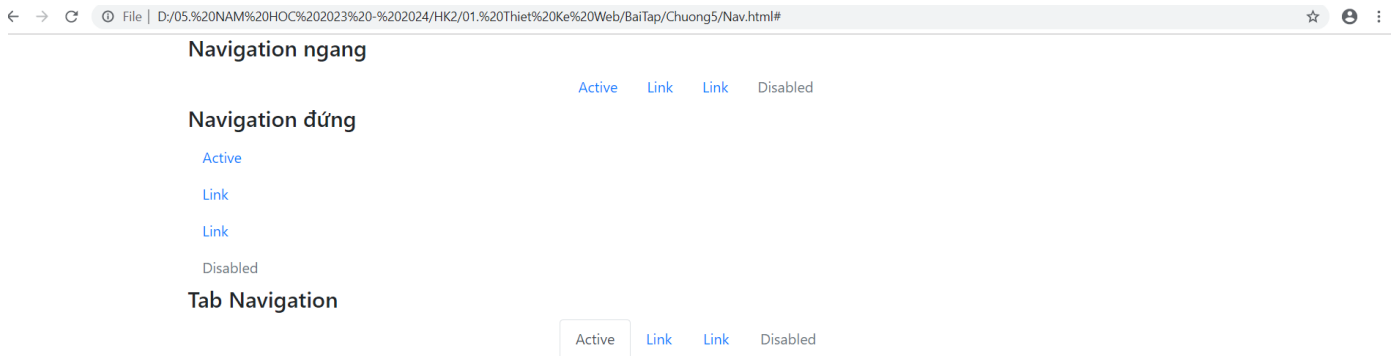
- dropdown-menu, dropdown-item → Tạo dropdown
- btn-group dropright, dropdown-item, active, disabled → tạo menu dropright
- btn-group dropleft, btn-group dropup → tạo menu dropup

Hướng dẫn:

```
<h3> DropDown</h3>
  <div class="dropdown">
    <button class="btn btn-primary dropdown-toggle" type="button"
id="dropdownMenuButton" data-toggle="dropdown" aria-expanded="false">
      Dropdown Button
    </button>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item" href="#">Item 1</a></li>
      <li><a class="dropdown-item" href="#">Item 2</a></li>
      <li><a class="dropdown-item" href="#">Item 3</a></li>
      <li><a class="dropdown-item" href="#">Item 4</a></li>
      <li><a class="dropdown-item" href="#">Item 5</a></li>
    </ul>
  </div>
<h3> DropRight</h3>
  <div class="btn-group dropright">
    <button type="button" class="btn btn-warning dropdown-toggle" data-
toggle="dropdown" aria-expanded="false">
      Choose a school
    </button>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item" href="#">THPT.Trần Phú</a></li>
      <li><a class="dropdown-item" href="#">THPT.Tân Bình</a></li>
      <li><a class="dropdown-item active" href="#">THPT.Tây Thạnh</a></li>
      <li><a class="dropdown-item" href="#">THPT.Lê Trọng Tấn</a></li>
      <li><a class="dropdown-item disabled" href="#">THPT.Bình Hưng
Hòa</a></li>
    </ul>
  </div>
```

2. Bài tập tại lớp

Bài 2: Tạo trang Bai2.html sử dụng component - Nav ngang, Nav đứng và Nav tab như sau:



Hướng dẫn:

```
<body>
  <div class="container">
    <h4>Navigation ngang</h4>
    <ul class="nav justify-content-center">
      <li class="nav-item">
        <a class="nav-link active" aria-current="page" href="#">Active</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link</a>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" href="#" tabindex="-1" aria-
disabled="true">Disabled</a>
      </li>
    </ul>
  </div>

  <div class="container">
    <h4>Navigation đứng</h4>
    <nav class="nav flex-column">
      <a class="nav-link active" aria-current="page" href="#">Active</a>
      <a class="nav-link" href="#">Link</a>
      <a class="nav-link" href="#">Link</a>
      <a class="nav-link disabled" href="#" tabindex="-1" aria-
disabled="true">Disabled</a>
    </nav>
  </div>

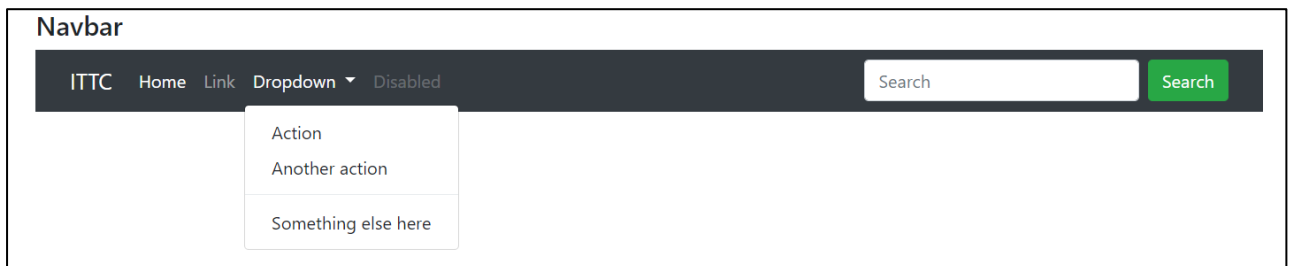
  <div class="container">
    <h4> Tab Navigation</h4>
    <ul class="nav nav-tabs justify-content-center">
      <li class="nav-item">
        <a class="nav-link active" href="#" aria-current ="page"> Active</a>
      </li>
      <li class="nav-item">
```

```

        <a class="nav-link" href="#"> Link</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="#"> Link</a>
    </li>
    <li class="nav-item">
        <a class="nav-link disabled" href="#" tabindex="-1" >Disabled</a>
    </li>
</ul>
</div>
</body>

```

Bài 3: Tạo trang Bai3.html sử dụng component - Navbar ngang kết hợp dropdown và navbar-brand:



Hướng dẫn:

```

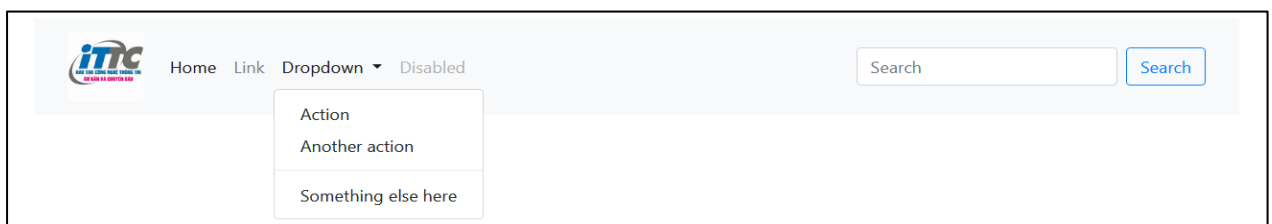
<h4> Navbar </h4>
<nav class="navbar navbar-expand-lg navbar-light bg-dark navbar-dark">
    <div class="container-fluid">
        <a class="navbar-brand" href="#">ITTC</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarSupportedContent"
        aria-controls="navbarSupportedContent" aria-expanded="false"
aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav ms-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="true" href="#">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Link</a>
                </li>
                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown"
role="button" data-toggle="dropdown" aria-expanded="false">
                        Dropdown
                    </a>
                    <ul class="dropdown-menu" aria-labelledby="navbarDropdown">
                        <li><a class="dropdown-item" href="#">Action</a></li>
                        <li><a class="dropdown-item" href="#">Another action</a></li>
                        <li><hr class="dropdown-divider"/></li>
                    </ul>
                </li>
            </ul>
        </div>
    </div>
</nav>

```

```

        <li><a class="dropdown-item" href="#">Something else
here</a></li>
    </ul>
</li>
<li class="nav-item">
    <a class="nav-link disabled" href="#" tabindex="-1" aria-
disabled="true">Disabled</a>
</li>
</ul>
<input class="form-control mr-2 w-25" type="search"
placeholder="Search" aria-label="Search">
<button class="btn btn-success"
type="submit">Search</button>
</div>
</div>
</nav>

```



Hướng dẫn:

```

<h4> Navbar </h4>
<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <div class="container-fluid">
        <a class="navbar-brand" href="#"></a>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="true" href="#">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Link</a>
                </li>
                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown"
role="button" data-toggle="dropdown" aria-expanded="false">
                        Dropdown
                    </a>
                    <ul class="dropdown-menu" aria-labelledby="navbarDropdown">
                        <li><a class="dropdown-item" href="#">Action</a></li>
                        <li><a class="dropdown-item" href="#">Another action</a></li>
                        <li><hr class="dropdown-divider"/></li>
                        <li><a class="dropdown-item" href="#">Something else
here</a></li>
                    </ul>
                </li>
                <li class="nav-item">

```

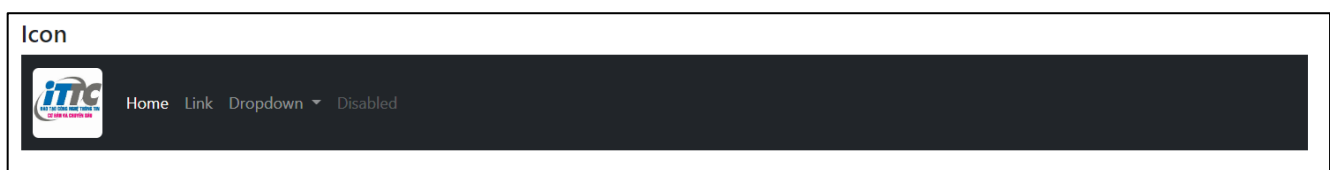
```

        <a class="nav-link disabled" href="#" tabindex="-1" aria-
disabled="true">Disabled</a>
    </li>
</ul>
    <input class="form-control mr-2 w-25" type="search"
placeholder="Search" aria-label="Search">
    <button class="btn btn-outline-primary"
type="submit">Search</button>
</div>
</div>
</nav>

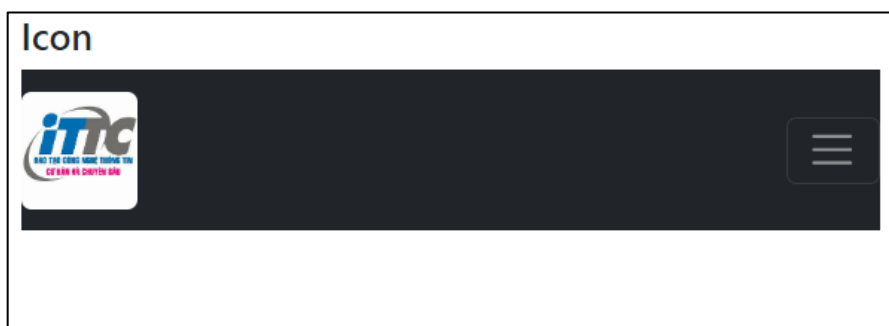
```

Bài 4: Tạo trang Bai4.html sử dụng component Navbar, dropdown, collapse tạo Navbar và responsive trên mobile, tablet, pc, laptop như sau:

Giao diện PC, Lap :



Giao diện Mobile:



Hướng dẫn:

```

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
    <div class="container-fluid">
        <a class="navbar-brand" href="#"></a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#collapsibleNavbar">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="collapsibleNavbar">
            <ul class="navbar-nav mr-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="true" href="#">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Link</a>

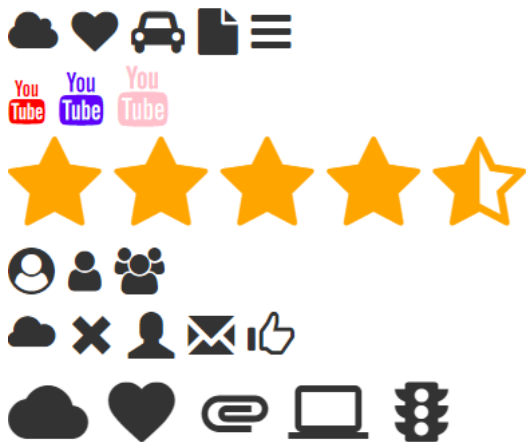
```

```

        </li>
        <li class="nav-item dropdown">
            <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown"
role="button" data-toggle="dropdown" aria-expanded="false">
                Dropdown
            </a>
            <ul class="dropdown-menu" aria-labelledby="navbarDropdown">
                <li><a class="dropdown-item" href="#">Action</a></li>
                <li><a class="dropdown-item" href="#">Another action</a></li>
                <li><hr class="dropdown-divider"/></li>
                <li><a class="dropdown-item" href="#">Something else
here</a></li>
            </ul>
        </li>
        <li class="nav-item">
            <a class="nav-link disabled" href="#" tabindex="-1" aria-
disabled="true">Disabled</a>
        </li>
    </ul>
</div>
</div>
</nav>

```

Bài 5: Tạo trang Bai5.html sử dụng Component Icon như sau hiển thị một số icon như sau:



Hướng dẫn:

- Dùng Font Awesome
- Dùng Bootstrap
- Dùng Google Icon

```

<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Icon Font</title>
<!--Font Awesome 5 Icons-->
    <script src="https://kit.fontawesome.com/yourcode.js"
crossorigin="anonymous"></script>

```

```

<!--Font Awesome 4 Icons-->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<!--Bootstrap 3 Icons-->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<!--Google Icons-->
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
</head>

```

```

<body>
    <!--Font Awesome 5 Icons-->
    <i class="fas fa-band-aid"></i>
    <i class="fas fa-cat"></i>
    <i class="fas fa-dragon"></i>
    <i class="far fa-clock"></i>
    <i class="fas fa-clock"></i><br>

    <!--Font Awesome 4 Icons-->
    <i class="fa fa-cloud"></i>
    <i class="fa fa-heart"></i>
    <i class="fa fa-car"></i>
    <i class="fa fa-file"></i>
    <i class="fa fa-bars"></i><br>
    <i class="fa fa-youtube" style="color: red;font-size: small;"></i>
    <i class="fa fa-youtube" style="color: rgb(96, 0, 251);font-size:medium;"></i>
    <i class="fa fa-youtube" style="color:pink;font-size:large;"></i>
    <br>
    <i class="fa fa-star" style="color: orange;font-size: 30px;"></i>
    <i class="fa fa-star" style="color: orange;font-size: 30px;"></i>
    <i class="fa fa-star" style="color: orange;font-size: 30px;"></i>
    <i class="fa fa-star" style="color: orange;font-size: 30px;"></i>
    <i class="fa fa-star-half-full" style="color: orange;font-size: 30px;"></i>
    <br>
    <i class="fa fa-user-circle"></i>
    <i class="fa fa-user"></i>
    <i class="fa fa-users"></i>
    <br>

    <!--Bootstrap 3 Icons-->
    <i class="glyphicon glyphicon-cloud"></i>
    <i class="glyphicon glyphicon-remove"></i>
    <i class="glyphicon glyphicon-user"></i>
    <i class="glyphicon glyphicon-envelope"></i>
    <i class="glyphicon glyphicon-thumbs-up"></i><br>

    <!--Google Icons-->
    <i class="material-icons">cloud</i>
    <i class="material-icons">favorite</i>
    <i class="material-icons">attachment</i>

```

```

<i class="material-icons">computer</i>
<i class="material-icons">traffic</i>

</body>

```

Bài 6: Tạo trang Bai6.html sử dụng component - Form tạo form như sau:

Yêu cầu:

- Sử dụng grid System tạo form đăng nhập như hình
- Đảm bảo Responsive cho Form_DN trên các thiết bị mobile và desktop theo tỉ lệ như sau:
`class="col-12 col-sm-6 col-md-4"`
- Sử dụng các lớp form-control, form-group, is-valid và is-invalid, valid-feedback, invalid-feedback, text-muted,...

Hướng dẫn:

```

<form id="form1" class="needs-validation">
  <div class="container">
    <div class="row justify-content-center">
      <div class="col-12 col-sm-6 col-md-4">
        <div class="main">
          <br />
          <div class="form-group">
            <label for="username">UserName</label>
            <input type="text" name="username" id="username"
class="form-control is-invalid " value="Enter your username" required />
            <div class="invalid-feedback">Must to enter your username
</div>
          </div>
          <div class="form-group">
            <label for="password">Password</label>

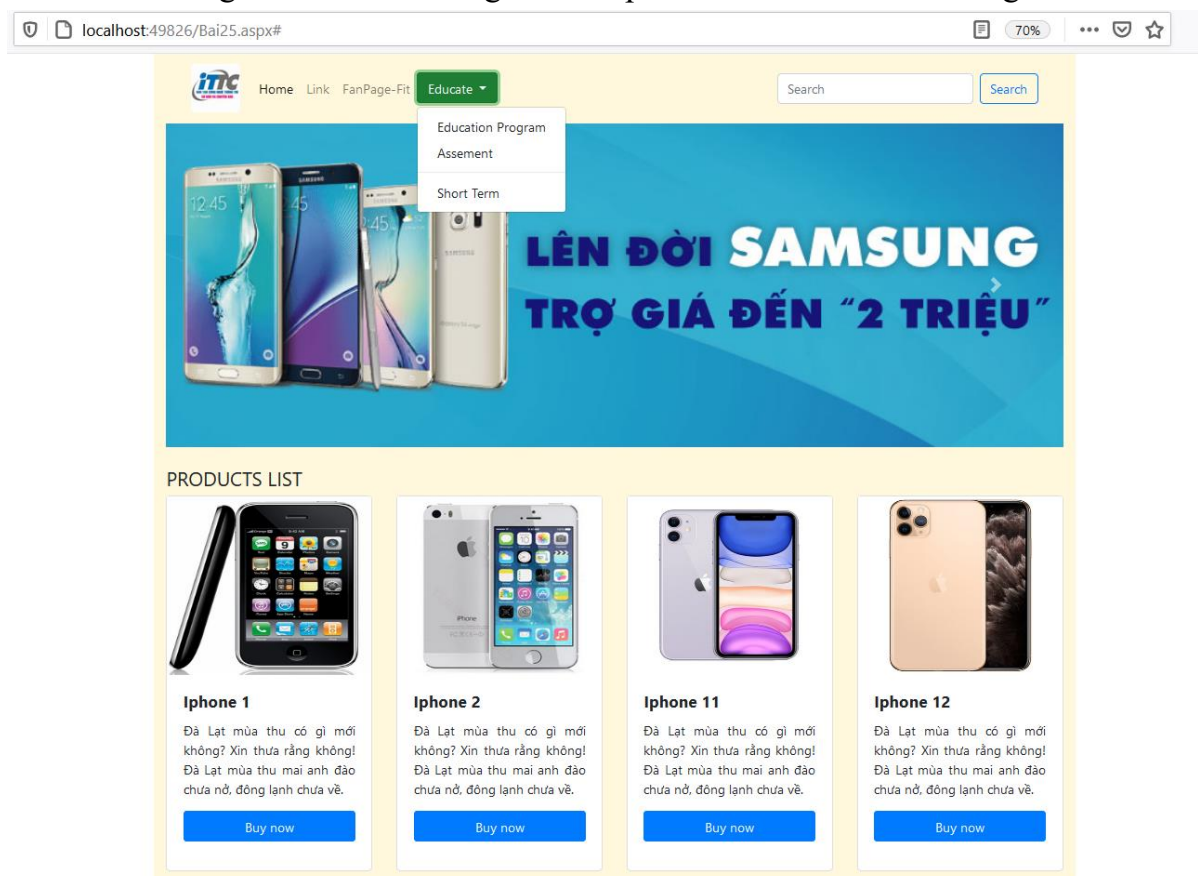
```

```

        <input type="password" name="password" id="password"
class="form-control is-valid" value="Enter your password" />
        <div class="valid-feedback text-muted">Password include
special character!</div>
    </div>
    <div class="form-group">
        <label for="gender">Gender</label>
        <select name="gender" id="gender" class="form-control" >
            <option value="1"> Male</option>
            <option value="0">Female</option>
        </select>
    </div>
    <div class="form-check form-group">
        <input type="checkbox" id="check" class="form-check-input" />
        <label for="check" class="form-check-label">Remember
Password</label>
    </div>
    <div class="form-group">
        <button class="btn btn-primary btn-block"
type="submit">Submit</button>
    </div>
</div>
</div>
</form>

```

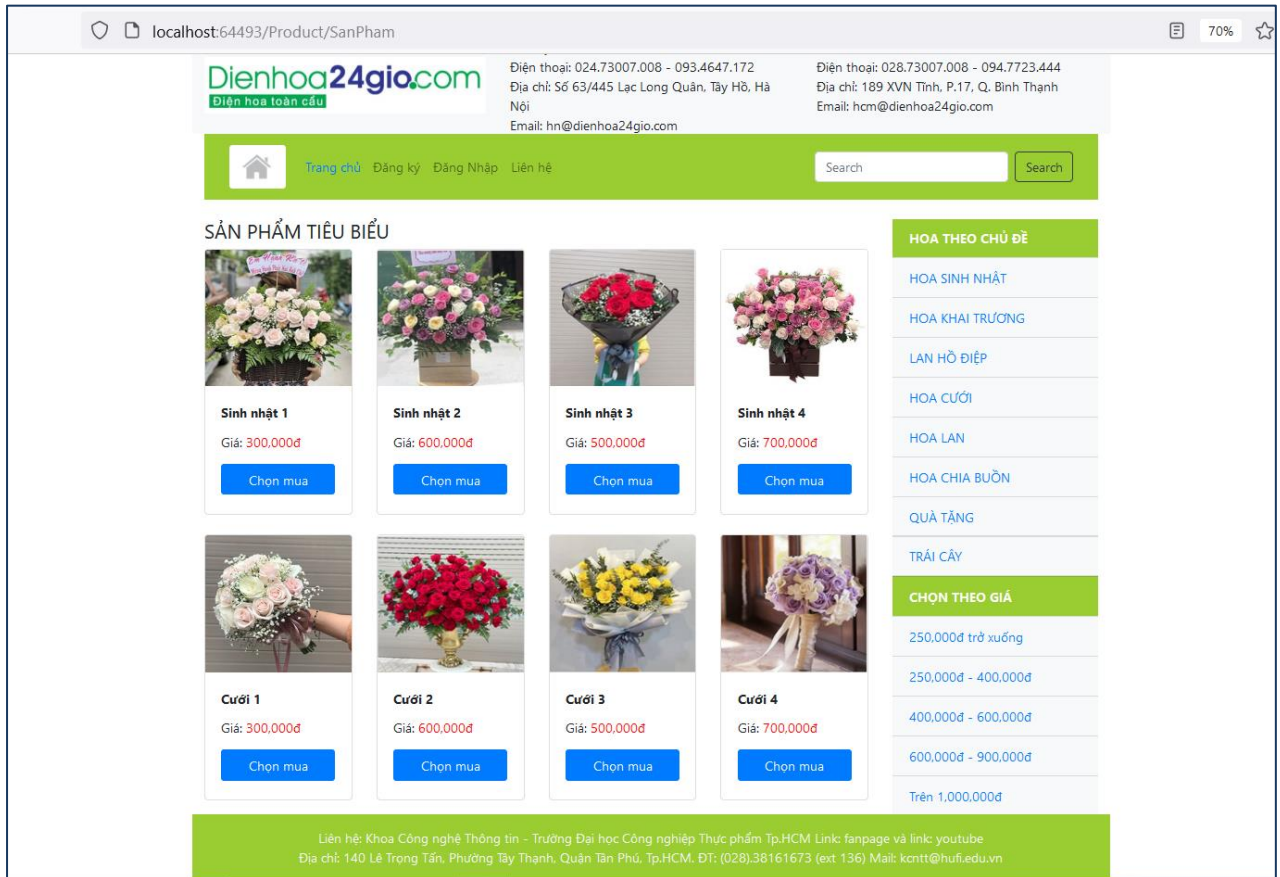
Bài 7: Tạo trang Bai7.html sử dụng các component đã học thiết kế trang như sau:



Yêu cầu:

- Sử dụng Nav-bar, dùng class navbar-brand cho image ittc, dropdown menu cho Education.
- Tạo Carousel Slide show
- Sử dụng GridSystem tạo ProductList

Bài 8: Sử dụng các component đã học tạo trang dienhoa24h.com như sau:

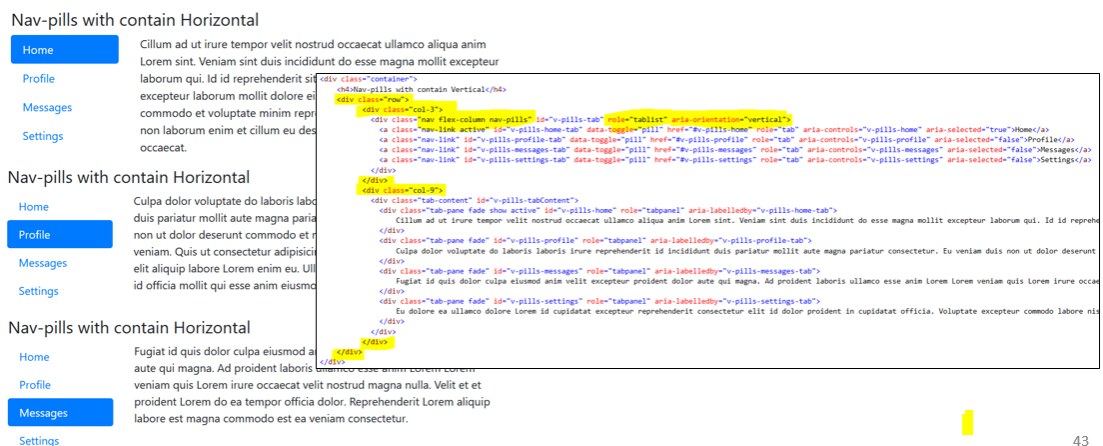


Yêu cầu:

- Sử dụng GridSystem tạo layout trang
- Sử dụng Nav-bar, dùng class navbar-brand.
- Sử dụng GridSystem tạo Sản phẩm tiêu biểu

3. Bài tập về nhà

Bài 9: Tạo trang Bai9.html sử dụng component - Nav pill ngang và đứng như sau:





Title of a longer featured blog post

Multiple lines of text that form the lede, informing new readers quickly and efficiently about what's most interesting in this post's contents.

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World

Featured post

Nov 12

This is a wider card with supporting text below as a natural lead-in to additional content.

[Continue reading](#)

Thumbnail

Design

Post title

Nov 11

This is a wider card with supporting text below as a natural lead-in to additional content.

[Continue reading](#)

Thumbnail

From the Firehose

Sample blog post

January 1, 2021 by [Mark](#)

This blog post shows a few different types of content that's supported and styled with Bootstrap. Basic typography, lists, tables, images, code, and more are all supported as expected.

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

Blockquotes

This is an example blockquote in action:

Quoted text goes here.

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on

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