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B1: Ghep MVC

install-package entityframework

images, css -> content

font -> font

js -> script

index -> Views/shared

B2 ChiaLayout

Shared -> add view chia layout

NguyenHuuTrung_Layout

NguyenHuuTrung_Header

NguyenHuuTrung_Main

NguyenHuuTrung_Footer

Tao Controller BaiThi -> add View = NguyenHuuTrung_Layout

```
<link href="~/Content/css/style.css" rel="stylesheet" type="text/css" media="all" />
```

```
<link href="~/Content/bootstrap.css" rel="stylesheet" type="text/css" media="all" />
```

```
<script type="text/javascript" src="~/Scripts/js/jquery-1.7.2.min.js"></script>
```

B3: Them Entity

Models -> new folder : Entities -> new item : ADO.NET Entity model data
(NguyenHuuTrung_Context) -> Code first from database

Add new connection :

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sa - 123456

-> sinh entities

B4: Load navbar

-> BaiThiController -> create new action: RenderNav

```
public ActionResult RenderNav()
```

```
{
```

```
    NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
```

```
    List<LoaiHang> listLoaiHang = db.LoaiHangs.ToList();
```

```
    return PartialView("NguyenHuuTrung_Header", listLoaiHang);
```

```
}
```

-> NguyenHuuTrung_Header (chứa nav bar)

```
@model IEnumerable<NguyenHuuTrung_211214068_Test2.Models.Entities.LoaiHang>
```

-> Load li

```
<li class="active"><a href="index.html">Nguyen Huu Trung</a></li>
```

```
@foreach (var l in Model)
```

```
{
```

```
    <li><a>@l.TenLoai</a></li>
```

```
}
```

```
<div class="clear"></div>
```

-> NguyenHuuTrung_Layout

sua partial -> @Html.Action("RenderNav", "BaiThi")

B5: Load sp

gia >= 100

them action RenderProduct

```
public ActionResult RenderProduct()
```

```
{
```

```
    NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
```

```
    List<HangHoa> listHang = db.HangHoas.Where(h => h.Gia >= 100).ToList();
```

```
    return PartialView("NguyenHuuTrung_Main", listHang);
```

```
}
```

-> NguyenHuuTrung_Main

```
@model IE
```

-> Load sp

```
@foreach (var hh in Model)
```

```
{
```

```
    <div class="grid_1_of_4 images_1_of_4">
```

```
        <a href="preview.html"></a>
```

```
        <h2> @hh.TenHang </h2>
```

```

<div class="price-details">
  <div class="price-number">
    <p><span class="rupees">${hh.Gia}</span></p>
  </div>
  <div class="add-cart">
    <h4><a href="preview.html">Add to Cart</a></h4>
  </div>
  <div class="clear"></div>
</div>
</div>
}

```

-> Views/BaiThi/Index.cshtml

Them action renderproduct

@Html.Action("RenderProduct")

B6 Ajax

them id cho li cần load sản phẩm (li của nav)

```

<div class="menu">
  <ul>
    <li class="active"><a href="index.html">Nguyen Huu Trung</a></li>
    @foreach (var l in Model)
    {
      <li id="@l.MaLoai"><a>@l.TenLoai</a></li>
    }
    <div class="clear"></div>
  </ul>

```

```
</div>
```

```
<script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>
```

Viet ajax

```
<script>
```

```
    $("li").click(function (e) {  
        var id = $(this).attr("id");  
        $.ajax({  
            url: "RenderProductByCartID",  
            data: { CartID: id },  
            success: function (response) {  
                // div chứa renderbody  
                $("div.content").html(response);  
            }  
        });  
    });
```

```
</script>
```

```
public ActionResult RenderProductByCartID(int CartID)
```

```
{  
    NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();  
    List<HangHoa> listHang = db.HangHoas.Where(h => h.MaLoai == CartID).ToList();  
    return PartialView("NguyenHuuTrung_Main", listHang);  
}
```

B7 Sinh Create

```
public ActionResult Create()
{
    NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
    ViewBag.MaLoai = new SelectList(db.LoaiHangs, "MaLoai", "TenLoai");
    return View();
}

[HttpPost]
public ActionResult Create(HangHoa hang)
{
    NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
    db.HangHoas.Add(hang);
    db.SaveChanges();
    // chuyen huong ve index
    return Redirect("Index");
}
```

-> Create -> Add View -> Template = Create, Model = Model can create (HangHoa)

B8 : Annotation

```
public ActionResult Create()
{
    NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
    ViewBag.MaLoai = new SelectList(db.LoaiHangs, "MaLoai", "TenLoai");
    return View();
}

[HttpPost]
```

```
public ActionResult Create(HangHoa hangHoa)
{
    if (ModelState.IsValid)
    {
        NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
        db.HangHoas.Add(hangHoa);
        db.SaveChanges();
        return Redirect("Index");
    }
    else
    {
        NguyenHuuTrung_Context db = new NguyenHuuTrung_Context();
        ViewBag.MaLoai = new SelectList(db.LoaiHangs, "MaLoai", "TenLoai");
        return View();
    }
}

[Column(TypeName = "numeric")]
[RegularExpression(@"[1-9][0-9]*", ErrorMessage = "Must be a number")]
[Range(100, 5000)]
```