4-CRUD.md 12/16/2020

CRUD

這個章節,將我們所學習到的技術,來完成整個 CRUD 應用。

完成 CRUD

最後,我們要完成 CRUD,修改 Update、Edit、Del 這個幾事件,如下圖。

```
Ф
                        > OPEN EDITORS
                       V CRUD-BLAZOR
                                                                                                                                                             </div</pre>
<div class="form-group row">
<label for="lastName" class="col-sm-2 col-form-label">Last Name</label>

<a href="col-sm-10">
                             × launch.json
                                                                                                                                                                                              v class="col-sm-10">
<input class="form-control" placeholder="LastName" @bind="_employee.LastName"/>
                                                                                                                                                              </div>
<input type="button" value="Add" class="btn btn-primary" @opelists="Add"/>
<input type="button" value="Update" class="btn btn-primary" @onclick="@(async ()=> await Update(_employee.Id))" />
                             > ii obj
                                   · 🔞 Pages
                                          Counter.razor
                                                  EmployeePage....
                                                 Index.razor
                                                                                                                                              aif (_employees == null)
                                         {} launchSettings....
                                  Services
                                             EmployeesServ...
                                   · 📹 Shared
                                                 MainLayout.razor
                                        MainLayout.raz...
                                                                                                                                                                                                            NavMenu.razor...
                                                 SurveyPrompt.r...
                                    wwwroot
                                           _Imports.razor
                                             App.razor
                                                                                                                                                                                                                            @emp.Id
@emp.FirstName
                                                                                                                                                                                                                               @emp.LastName
                                                                                                                                                                                                                                            <input type="button" value="Edit" class="btn btn-prima
<input type="button" value="Del" class="btn btn-danger</pre>
                    > OUTLINE
                          NPM SCRIPTS
```

然後調整 code 裡面的內容,主要針對 Edit、Update、Del 進行新增。

```
@code{
    private string _title;
    private Employee _employee;
    private List<Employee> _employees;

protected override async Task OnInitializedAsync()
{
    __title = "Employee 員工管理";
    __employee = new Employee();
    __employees = (await EmployeesService.GetAsync()).ToList();
}

private async Task Add()
{
    Logger.LogInformation("Add Start");
    var newEmp = await EmployeesService.Add(_employee);
    __employees.Add(newEmp);
```

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```
private async Task Edit(int id)
{
    _employee = await EmployeesService.GetAsync(id);
}

private async Task Update(int id)
{
    await EmployeesService.Update(id, _employee);
    var index = _employees.FindIndex(m => m.Id == id);
    _employees[index] = _employee;
}

private async Task Del(int id)
{
    await EmployeesService.Del(id);
    var index = _employees.FindIndex(m => m.Id == id);
    _employees.RemoveAt(index);
}
```

完成後,就可以測試新增修改刪除功能。