



การบ้านที่ 3 RESTful API Server Service

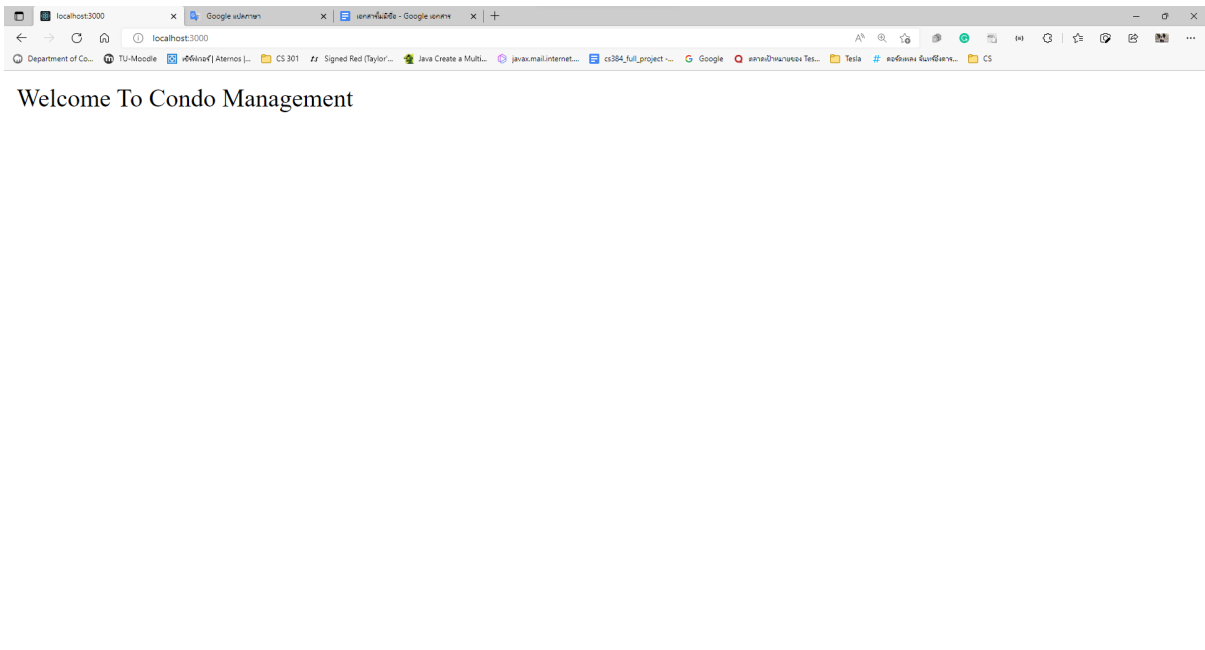
โดย

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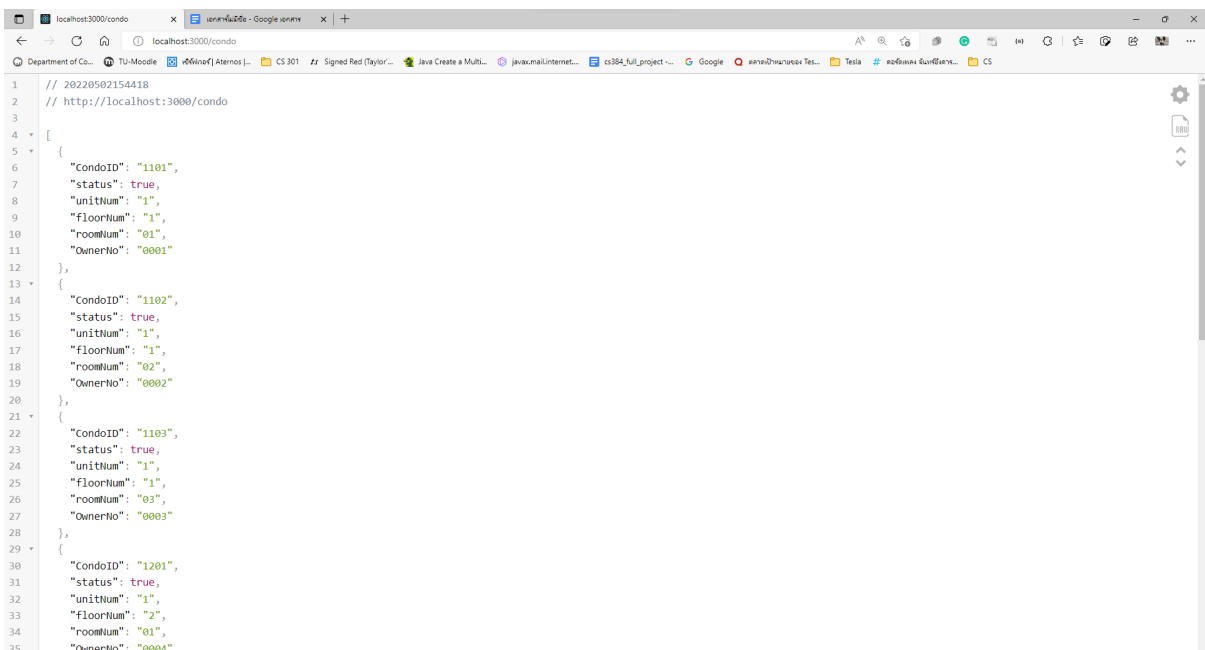
วันที่ส่งงาน 02/05/2565

หน้าตัวอย่างของ การบริการที่สามารถทำงานได้

หน้าแรก



หน้ารวมข้อมูลห้องทั้งหมด ใน condo



หน้าระบุข้อมูลของแต่ละห้อง ใน condo

```
localhost3000/condo/1101
localhost3000/condo/1101
// 20220502154537
// http://localhost:3000/condo/1101
{
  "CondoID": "1101",
  "status": true,
  "unitnum": "1",
  "floornum": "1",
  "roomnum": "01",
  "OwnerNo": "0001"
}
```

หน้ารวมเจ้าของห้องทั้งหมด ใน condo

```
localhost3000/owner
localhost3000/owner
// 20220502154515
// http://localhost:3000/owner
[
  {
    "OwnerNo": "0001",
    "CondoID": "1101",
    "firstname": "Peerawat",
    "lastname": "Yoorot"
  },
  {
    "OwnerNo": "0002",
    "CondoID": "1102",
    "firstname": "Panipark",
    "lastname": "Phansoda"
  },
  {
    "OwnerNo": "0003",
    "CondoID": "1103",
    "firstname": "Taylor",
    "lastname": "Swift"
  },
  {
    "OwnerNo": "0004",
    "CondoID": "1201",
    "firstname": "Katy",
    "lastname": "Perry"
  },
  {
    "OwnerNo": "0005",
    "CondoID": "1202",
    "firstname": "Avril",
    "lastname": "Lavigne"
  }
]
```

หน้ารายละเอียดข้อมูลของเจ้าของในแต่ละห้อง ใน condo

```
localhost:3000/owner/0001
localhost:3000/owner/0001
// 20220502154613
// http://localhost:3000/owner/0001
{
  "OwnerNo": "0001",
  "CondoID": "1101",
  "firstname": "Peenawat",
  "lastname": "Yoorot"
}
```

หน้าพิมพ์ละเอียดข้อมูลของเจ้าของในแต่ละห้อง ใน condo

POST localhost:3000/condo?CondoID=9999&status=true&unitNum=9&floorNum=9&OwnerNo=9999 Send

Query Headers 2 Auth Body Tests

Query Parameters

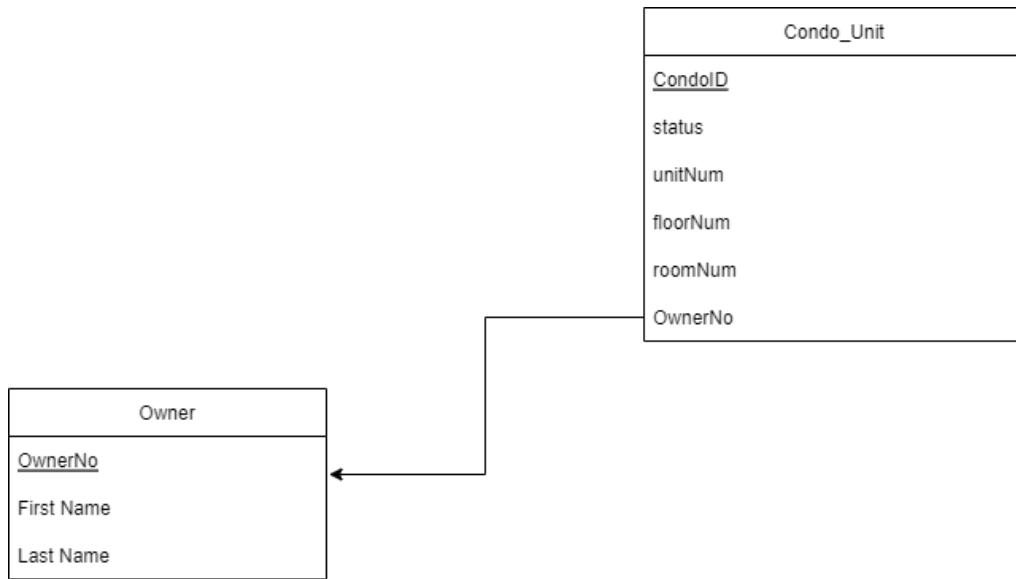
<input checked="" type="checkbox"/>	CondoID	9999
<input checked="" type="checkbox"/>	status	true
<input checked="" type="checkbox"/>	unitNum	9
<input checked="" type="checkbox"/>	floorNum	9
<input checked="" type="checkbox"/>	OwnerNo	9999
<input type="checkbox"/>	parameter	value

Status: 200 OK Size: 844 Bytes Time: 2 ms

Response Headers 6 Cookies Results Docs New

```
1 {
2   {
3     "CondoID": "1101",
4     "status": true,
5     "unitNum": "1",
6     "floorNum": "1",
7     "roomNum": "01",
8     "OwnerNo": "0001"
9   },
10  {
11    "CondoID": "1102",
12    "status": true,
13    "unitNum": "1",
14    "floorNum": "1",
15    "roomNum": "02",
16    "OwnerNo": "0002"
17  },
18  {
19    "CondoID": "1103",
20    "status": true,
21    "unitNum": "1",
22    "floorNum": "1",
23    "roomNum": "03",
24    "OwnerNo": "0003"
25  },
26  {
27    "CondoID": "1201",
28    "status": true,
29    "unitNum": "1",
30    "floorNum": "2",
31    "roomNum": "01",
```

ER - Diagram



RESTful API specification

/condo

/condo	
response status	200 เมื่อสามารถเรียกข้อมูลได้อย่างถูกต้อง
response sample	<pre>{ "CondoID": "1101", "status": true, "unitNum": "1", "floorNum": "1", "roomNum": "01", "OwnerNo": "0001" }, { "CondoID": "1102", "status": true, "unitNum": "1", "floorNum": "1", "roomNum": "02", "OwnerNo": "0002" }, { "CondoID": "1103", "status": true, "unitNum": "1", "floorNum": "1", "roomNum": "03", "OwnerNo": "0003" }, { "CondoID": "1201", "status": true, "unitNum": "1", "floorNum": "2", "roomNum": "01", "OwnerNo": "0004" }, { "CondoID": "1202", "status": true, "unitNum": "1", "floorNum": "2", "roomNum": "02", "OwnerNo": "0005" }, { "CondoID": "1203",</pre>

	<pre> "status": true, "unitNum": "1", "floorNum": "2", "roomNum": "03", "OwnerNo": "0006" }, { "CondoID": "2101", "status": false, "unitNum": "2", "floorNum": "1", "roomNum": "01", "OwnerNo": null }, { "CondoID": "2102", "status": false, "unitNum": "2", "floorNum": "1", "roomNum": "02", "OwnerNo": null }, { "CondoID": "2103", "status": false, "unitNum": "2", "floorNum": "1", "roomNum": "03", "OwnerNo": null } </pre>
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/condo/(CondoID)

/condo/1101	
response status	200 เมื่อสามารถเรียกข้อมูลได้อย่างถูกต้อง
response sample	<pre> { "CondoID": "1101", "status": true, "unitNum": "1", "floorNum": "1", "roomNum": "01", "OwnerNo": "0001" } </pre>

/condo/?CondoID=9999&status=true&unitNum=9&floorNum=9
&OwnerNo=0009

/condo?CondoID=9999&status=true&unitNum=9&floorNum=9 &OwnerNo=0009	
response status	200 เมื่อสามารถเรียกข้อมูลได้อย่างถูกต้อง
response sample	{ "CondoID": "9999", "status": true, "unitNum": "9", "floorNum": "9", "roomNum": "09", "OwnerNo": "0009" }

/owner

/owner	
response status	200 เมื่อสามารถเรียกข้อมูลได้อย่างถูกต้อง
response sample	{ "OwnerNo": "0001", "CondoID": "1101", "firstname": "Peerawat", "lastname": "Yoorot" }, { "OwnerNo": "0002", "CondoID": "1102", "firstname": "Panipark", "lastname": "Phansoda" }, { "OwnerNo": "0003", "CondoID": "1103", "firstname": "Taylor", "lastname": "Swift" }, { "OwnerNo": "0004", "CondoID": "1201", "firstname": "Katy", "lastname": "Perry" }

	<pre> }, { "OwnerNo": "0005", "CondoID": "1202", "firstname": "Avril", "lastname": "Lavinge" }, { "OwnerNo": "0006", "CondoID": "1203", "firstname": "Olivia", "lastname": "Rodrigo" }, { "OwnerNo": null, "CondoID": "2101", "firstname": null, "lastname": null }, { "OwnerNo": null, "CondoID": "2102", "firstname": null, "lastname": null }, { "OwnerNo": null, "CondoID": "2103", "firstname": null, "lastname": null } </pre>
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/owner/0001

/owner/0001	
response status	200 เมื่อสามารถเรียกข้อมูลได้อย่างถูกต้อง
response sample	<pre> { "OwnerNo": "0001", "CondoID": "1101", "firstname": "Peerawat", "lastname": "Yoorot" } </pre>