

Test 1. POST: /company/create

```
{"Id":8}
{"Id":9}
{"Alert":"System.ArgumentNullException! - not create a new company!!!"}
```

Test 2. POST: /company/search

Criterion: "Name": ..."Alfa"...

"EstablishmentYear": [2 - 7] || "FirstName": ..."Alfa"... || "LastName": ..."Alfa"... || JobTitle : Developer(1) or Architect(2) || "DateOfBirth": [1980.01.01 - 1980.12.31]

```
[
  {
    "Id": 1,
    "Name": "Name Alfa A ",
    "EstablishmentYear": 100,
    "Employees": [
      {
        "FirstName": "FirstA1",
        "LastName": "LastA1",
        "DateOfBirth": "1970-07-07T00:00:00",
        "JobTitle": 0,
        "CompanyId": 1,
        "Company": null,
        "Id": 1,
        "RowVersion": "AAAAAAAAAB9g="
      }
    ]
  },
  {
    "Id": 2,
    "Name": "Name B",
    "EstablishmentYear": 100,
    "Employees": [
      {
        "FirstName": "FirstAlfaB1",
        "LastName": "LastB1",
        "DateOfBirth": "1970-07-07T00:00:00",
        "JobTitle": 0,
        "CompanyId": 2,
        "Company": null,
        "Id": 2,
        "RowVersion": "AAAAAAAAAB9k="
      }
    ]
  },
  {
    "Id": 3,
    "Name": "Name C",
    "EstablishmentYear": 100,
    "Employees": [
      {
        "FirstName": "FirstC1",
        "LastName": "LastC1",

```

```

    "DateOfBirth": "1970-07-07T00:00:00",
    "JobTitle": 3,
    "CompanyId": 3,
    "Company": null,
    "Id": 3,
    "RowVersion": "AAAAAAAAAB9o="
  },
  {
    "FirstName": "FirstC2",
    "LastName": "LastAlfaC2",
    "DateOfBirth": "1970-07-07T00:00:00",
    "JobTitle": 3,
    "CompanyId": 3,
    "Company": null,
    "Id": 4,
    "RowVersion": "AAAAAAAAAB9s="
  }
]
},
{
  "Id": 4,
  "Name": "Name D",
  "EstablishmentYear": 100,
  "Employees": [
    {
      "FirstName": "FirstD",
      "LastName": "LastD",
      "DateOfBirth": "1980-08-08T00:00:00",
      "JobTitle": 0,
      "CompanyId": 4,
      "Company": null,
      "Id": 5,
      "RowVersion": "AAAAAAAAAB9w="
    }
  ]
},
{
  "Id": 5,
  "Name": "Name E",
  "EstablishmentYear": 5,
  "Employees": [
    {
      "FirstName": "FirstE1",
      "LastName": "LastE1",
      "DateOfBirth": "1970-07-07T00:00:00",
      "JobTitle": 0,
      "CompanyId": 5,
      "Company": null,
      "Id": 6,
      "RowVersion": "AAAAAAAAAB90="
    }
  ],
  {
    "FirstName": "FirstE2",
    "LastName": "LastE2",

```

```

    "DateOfBirth": "1981-08-08T00:00:00",
    "JobTitle": 3,
    "CompanyId": 5,
    "Company": null,
    "Id": 7,
    "RowVersion": "AAAAAAAAAB94="
  }
]
},
{
  "Id": 6,
  "Name": "Name F",
  "EstablishmentYear": 100,
  "Employees": [
    {
      "FirstName": "FirstF11",
      "LastName": "LastF11",
      "DateOfBirth": "1970-07-07T00:00:00",
      "JobTitle": 0,
      "CompanyId": 6,
      "Company": null,
      "Id": 8,
      "RowVersion": "AAAAAAAAAB98="
    },
    {
      "FirstName": "FirstE21",
      "LastName": "LastE22",
      "DateOfBirth": "1981-08-08T00:00:00",
      "JobTitle": 1,
      "CompanyId": 6,
      "Company": null,
      "Id": 9,
      "RowVersion": "AAAAAAAAAB+A="
    }
  ]
},
{
  "Id": 7,
  "Name": "Name G",
  "EstablishmentYear": 100,
  "Employees": [
    {
      "FirstName": "FirstG11",
      "LastName": "LastG11",
      "DateOfBirth": "1970-07-07T00:00:00",
      "JobTitle": 0,
      "CompanyId": 7,
      "Company": null,
      "Id": 10,
      "RowVersion": "AAAAAAAAAB+E="
    },
    {
      "FirstName": "FirstE21",
      "LastName": "LastE22",

```

```
    "DateOfBirth": "1981-08-08T00:00:00",
    "JobTitle": 2,
    "CompanyId": 7,
    "Company": null,
    "Id": 11,
    "RowVersion": "AAAAAAAAAB+I="
  }
]
}
```

---

### Test 3. Update Id=1

Before:

```
{ "Id": 1, "Name": "Name Alfa A ", "EstablishmentYear": 100, "Employees": [ { "FirstName": "FirstA1", "LastName": "LastA1", "DateOfBirth": "1970-07-07T00:00:00", "JobTitle": 0, "CompanyId": 1, "Company": null, "Id": 1, "RowVersion": "AAAAAAAAAB9g=" } ] }
```

Update a company with Id=1 is OK.

After:

```
{ "Id": 1, "Name": "Name502", "EstablishmentYear": 100, "Employees": [ { "FirstName": "FirstA1", "LastName": "LastA1", "DateOfBirth": "1970-07-07T00:00:00", "JobTitle": 0, "CompanyId": 1, "Company": null, "Id": 1, "RowVersion": "AAAAAAAAAB9g=" }, { "FirstName": "FirstNameA502", "LastName": "LastNameA502", "DateOfBirth": "1990-09-09T00:00:00", "JobTitle": 0, "CompanyId": 1, "Company": null, "Id": 16, "RowVersion": "AAAAAAAAAB+o=" }, { "FirstName": "FirstNameB502", "LastName": "LastNameB502", "DateOfBirth": "1999-08-08T00:00:00", "JobTitle": 3, "CompanyId": 1, "Company": null, "Id": 17, "RowVersion": "AAAAAAAAAB+s=" } ] }
```

### Test 4. Delete Id=1

Before:

```
{ "Id": 1, "Name": "Name502", "EstablishmentYear": 100, "Employees": [ { "FirstName": "FirstA1", "LastName": "LastA1", "DateOfBirth": "1970-07-07T00:00:00", "JobTitle": 0, "CompanyId": 1, "Company": null, "Id": 1, "RowVersion": "AAAAAAAAAB9g=" }, { "FirstName": "FirstNameA502", "LastName": "LastNameA502", "DateOfBirth": "1990-09-09T00:00:00", "JobTitle": 0, "CompanyId": 1, "Company": null, "Id": 16, "RowVersion": "AAAAAAAAAB+o=" }, { "FirstName": "FirstNameB502", "LastName": "LastNameB502", "DateOfBirth": "1999-08-08T00:00:00", "JobTitle": 3, "CompanyId": 1, "Company": null, "Id": 17, "RowVersion": "AAAAAAAAAB+s=" } ] }
```

Delete a company with Id=1 is OK.

After:

```
{ "Alert": "Not Found a company with Id=1" }
```